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December 25, 1961

'62 DIRECTORY ISSUE

AIR CONDITIONING
HEATING & REFRIGERATION
NEWS
The Newspaper of the Industry
RESIDENTIAL — COMMERCIAL — INDUSTRIAL

Member, Associated Business Publications
ABP
ABC
Member, Audit Bureau of Circulations

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Established 1926

Guide To Major 1961 Articles and Stories

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DEARBORN, MICHIGAN
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WIRING HARNESSES AND ELECTRICAL ASSEMBLIES
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SEE ADVERTISEMENT ON PAGE 169

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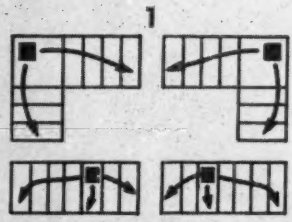
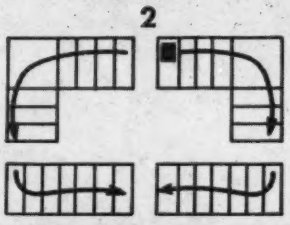


Individual units permit wings to be shut down according to occupancy.



Central system conserves space with simple maintenance.

FULL-CHOICE
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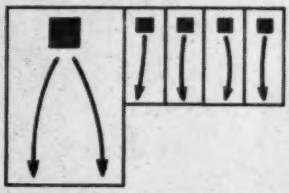
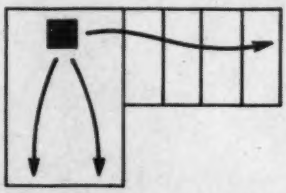
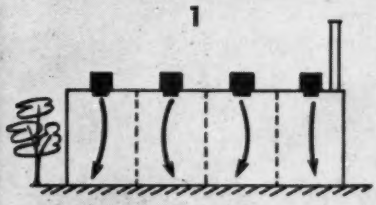


Separate store units permit individual billing of power and other costs.



Central system provides complete operational control with flat billing rate.

FULL-CHOICE
FACTORY



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Worthington offers "full-choice" air conditioning in 1962. That means "full-choice" in basic lines of equipment you choose from, such as the complete line of central station equipment, the new roof-mounted units, or a complete packaged unit line. And it means your "full-choice" in size from each.

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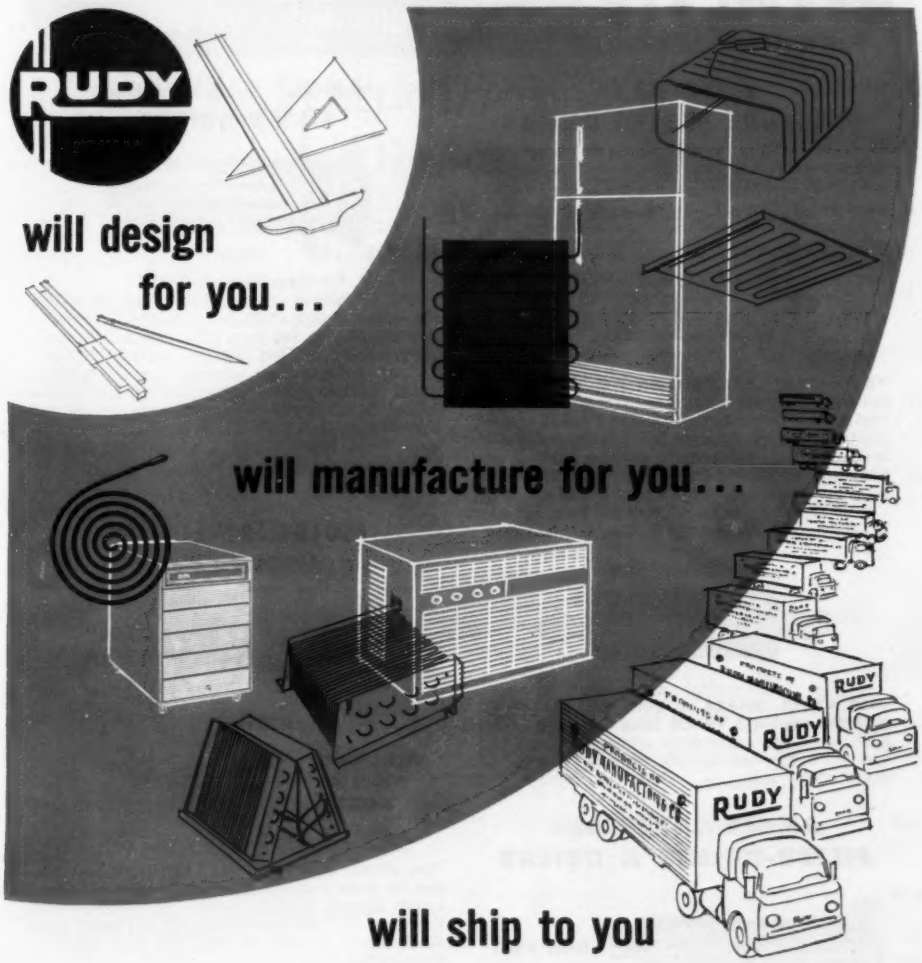

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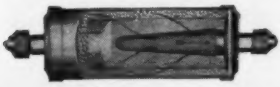

"DRI-COR" FILTER-DRIER TYPE V800 Featuring two stage filtering and drying with ceramic fired molded filter-core cushioned in a bed of blended granular desiccant. Provides high capacity drying even at relatively high temperatures, micronic filtration, efficient acid removal and low pressure drop. Steel shell, brass end connections. Capacities of 1 to 20 tons R-12; 1 to 25 tons R-22. Sizes ¼" thru ⅝" flare; ¼" thru ⅞" O.D.S. Sealed with brass flare nuts. U. L. Listed.

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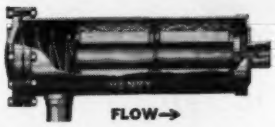
ANGLE CARTRIDGE FILTER-DRIERS



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Air Conditioning, Heating & Refrigeration News 1962 Directory Issue

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Introduction

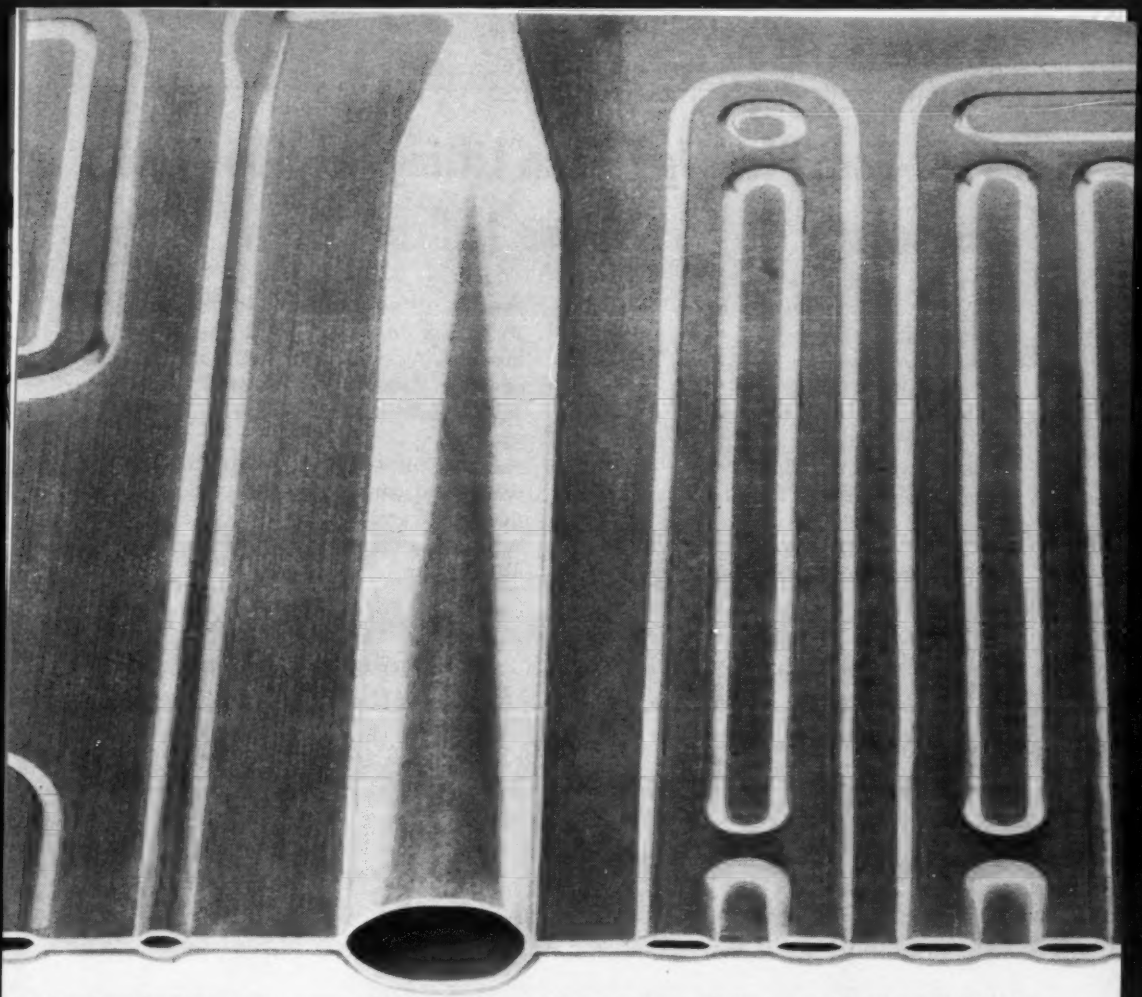
No better evidence exists than this Directory issue to prove how the heating-cooling industry has changed.

Merger, acquisition, diversification, specialization all are reflected in the listings contained in this directory issue of AIR CONDITIONING, HEATING & REFRIGERATION NEWS.

New company names, changes in personnel, additional product lines make this issue the authoritative *who's who* and *what's what* of the industry we serve.

We wish to thank the manufacturers and wholesalers who provided listing-information on their firms. Without their cooperation this Directory would not be possible.

In any compilation involving so much information derived from so many sources, some inaccuracies are inevitable. The Editors cannot be responsible for errors or omissions, but invite your requests for further information, correstions of listing data and suggestions that could make this Directory Issue more useful.



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Year-End 'Pick-Ups' Seen Lifting '61 Above '60; Consensus of Predictions Indicate Gains In '62

With sales of all industry products apparently picking up momentum in the second half of the year, it seems likely that the year 1961 will see sales gains of 15 to 20% in some of the more popular lines of equipment, with increases of 5 to 10% seemingly being realized in the remaining types.

Sales estimates for 1961 were generally on the conservative side, following a somewhat indifferent performance in 1960. With the improvement being shown in the latter stages of 1961, there is a generally optimistic attitude about 1962.

The following is a summation of estimated 1961 sales of various categories of industry products, together with a consensus of predictions for 1962:

Product	1961 Sales	Prediction for 1962
Central Residential Air Conditioners	245,000 Units	285,000 Units
Commercial Package Air Conditioners	120,000 Units	130,000 Units
Room Air Conditioners	1,500,000 Units	1,650,000 Units
Big Air Conditioning Systems (Engineered)	$875 Million	$925 Million
Auto Air Conditioners	725,000 Units	800,000 Units
Home Heating Systems	1,350,000 Units	1,450,000 Units
Commercial Refrigerators	175,000 Units	190,000 Units
Exports of Industry Products	Increase—6%	Increase—10%

The estimates of probable 1961 (only an "estimate" being possible since final figures will not be available until several weeks after this Directory issue of the NEWS is published) seem to be in line with available facts.

Sales of unitary air conditioners as reported by ARI members during the first nine months of 1961 were running about 8-10% ahead of 1960 figures. However, it is generally be-

(Continued on page 8)

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Year-End 'Pick-Ups'--

(Continued from page 6)

lieved that the improvement for the remainder of the year will prove considerably greater.

While manufacturers sales of room air conditioners for the first nine months of 1961, as estimated by NEMA, registered a slight decrease from 1960 figures—1,369,200 for 1961 compared with 1,378,100 in 1960—it is generally believed that sales at retail for the "air conditioning year" ended Aug. 31 may have been up 10% or more. This is based on a consideration of the rather considerable carry-over of units from the previous year, plus an extension of the selling season in many major markets because of hot spells in the late summer.

The increases noted in big air conditioning systems, auto air conditioners, and commercial refrigerators are based upon available figures on performance through the first three-quarters of the year.

Some figures released late in 1961 by the Unitary Air Conditioner Section of ARI reveals the continued growth of sales of unitary air conditioning equipment, and also the growing strength of central residential system sales. Five-year figures on the installed value of such equipment showed:

ESTIMATED INSTALLED VALUE OF UNITARY AIR CONDITIONERS

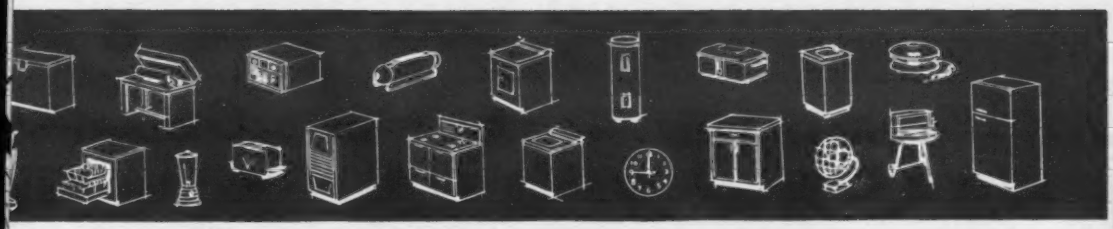
Year	Residential	Commercial	Total
1956	$174,011,400	$290,796,100	$464,807,500
1957	176,230,800	226,582,300	402,813,100
1958	204,602,850	219,489,200	424,092,050
1959	266,675,850	283,136,700	549,812,550
1960	305,400,600	299,814,550	605,215,150

It is worthy to note that the value of residential installations in 1956 was 37% of the total, and that by 1960 the residential percentage had risen to over 50%.

There have not been too many predictions recently of the long-range sales growth possibilities of the industry's products. Most comment on this subject seems to point towards a steady year-to-year growth of 10 to 15% in most categories, in line with general population and economic growth. There remains the chance for an explosive growth in the residential air conditioning market, if factors are right. A similar possibility exists in the industrial market.

Cloud Wampler, Carrier Corp. board chairman, recently spoke of five markets as holding the best possibilities for air conditioning sales growth, and he listed the tons of cooling capacity which market researchers believe will be required during the next five years in these more rapidly developing markets:

Residential central systems	4,700,000 tons
Apartment houses	1,750,000 tons
School buildings	750,000 tons
Hospitals	1,400,000 tons
Industrial plants	2,000,000 tons



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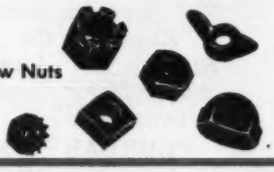
- Lock Nuts
- Keps ®
- Machine Screw Nuts
- Wing Nuts



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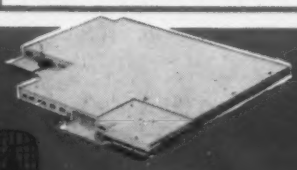

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1961 Mergers, Acquisitions at a Glance

DETROIT — Acquisitions and mergers involving manufacturers of air conditioning, heating, and refrigeration equipment continued at a brisk pace in 1961.

A check of the NEWS files shows that approximately 30 such transactions were completed during the year, with at least one being recorded in every month but two. Following is a month-by-month rundown on the transactions according to the time of their announcement in the NEWS (up to press time for this issue):

JANUARY: **BSF Co.**, a holding company, purchased National Refrigeration Mfg. Co., Los Angeles. **Swartwout Fabricators, Inc.**, Kokomo, Ind., acquired April Showers, Inc., producer of roof sprinkler cooling systems. **Ling-Temco Electronics, Inc.**, acquired Ed Friedrich, Inc., and its wholly-owned subsidiary, Friedrich Refrigerators, Inc. **American Machine & Foundry Co.** acquired Paragon Electric Co. **Lau Blower Co.** purchased Meier Electric & Machine Co., Indianapolis.

FEBRUARY: Merger of Jack & Heintz, Inc., into **The Siegler Corp.** was approved by stockholders.

MARCH: Roberts-Gordon Appliance Corp., Buffalo, was acquired by **A. J. Industries, Inc.**, Los Angeles. A group of executives of **Bayley Blower Co.**, Milwaukee, purchased all the company's common stock from Green Fuel Economizer Co., Beacon, N. Y.

APRIL: **Aero-Test Equipment Co., Inc.**, Dallas, acquired the assets of the Gascool Div. of Vector Engineering Contractors. **White-Rodgers Co.** acquired the assets of the Signet Controls Div. of Iron Fireman Mfg. Co.

JUNE: Stockholders of **Republic-Transcon Industries, Inc.**, approved purchase of assets of The Mathes Co., division of Glen Alden Corp.

JULY: **Universal Match Corp.** acquired Wittenborg, Inc., U.S.A. (Wittenborg, Inc., Copenhagen, Denmark, makes hot and cold food and general vending machines in Europe.) **Pacific Industries, Inc.**, San Francisco, purchased Reliable Steel Supply Co., Los Angeles. **H. K. Porter Co., Inc.**, purchased National Cornice Works, Inc., Los Angeles, manufacturer of "Master Fan" fans and blowers.

AUGUST: **Penn Controls, Inc.**, acquired the business, goodwill, and principal operating assets of Baso, Inc. **Republic Corp.** acquired Utility Appliance Corp. **Federated Electronics, Inc.**, purchased the Drifreeze Div. of Berna Corp. **Watsco, Inc.**, merged with Wagner Tool & Supply Corp. and Devices Research Corp., all of Hialeah, Fla. **Controls Co. of America** acquired the Thermac Co., Corona, Calif. **Westinghouse Electric Corp.** acquired Thermo King Corp.

SEPTEMBER: **Vulcan-Hart Corp.** of Louisville, Ky., and Baltimore, purchased the stock of Ideal Cooler Corp., St. Louis. **Temprite Products Corp.** acquired Cordley & Hayes. Icemaid, Inc. was acquired by **Delta Design, Inc.**, San Diego, Calif.

NOVEMBER: **The C. A. Olsen Mfg. Co.** purchased all the outstanding capital stock of Fraser & Johnston Co., San Francisco. Air Guide Corp., Miami, Fla., was acquired by **Pioneer Metals, Inc.**, Miami distributor of building products. **Recold Corp.** purchased the assets of Utility Fan Corp., Los Angeles. **The Rybolt Heater Co.**, Ashland, Ohio, purchased the Niagara Furnace Div. of Forest City Foundries Co. **Bell & Gossett Co.** acquired Reznor Mfg. Co.

DECEMBER: **Ford Motor Co.** acquired the properties and business of Philco Corp.

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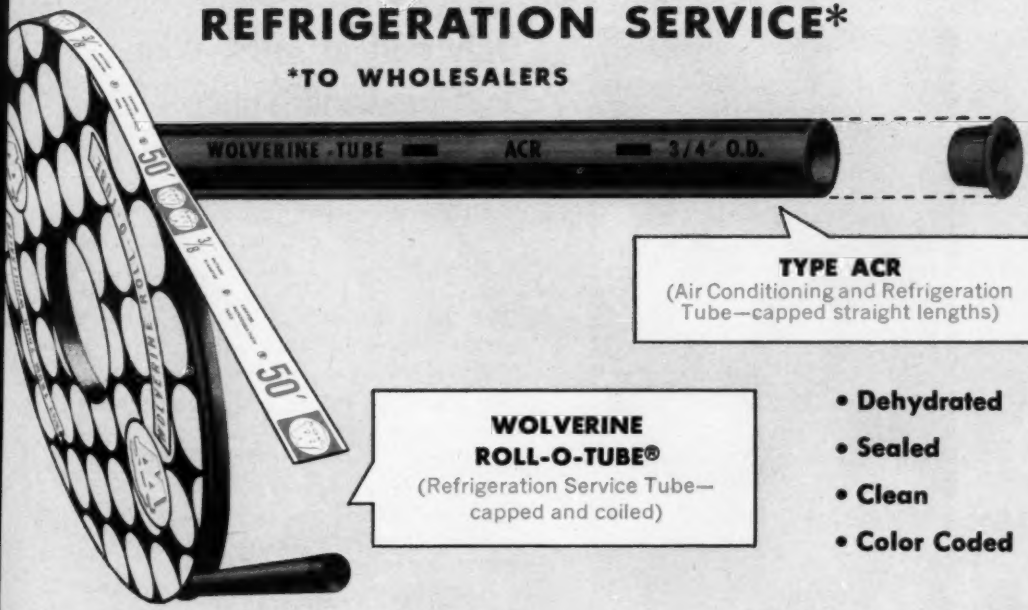

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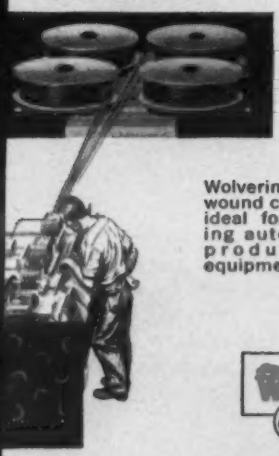

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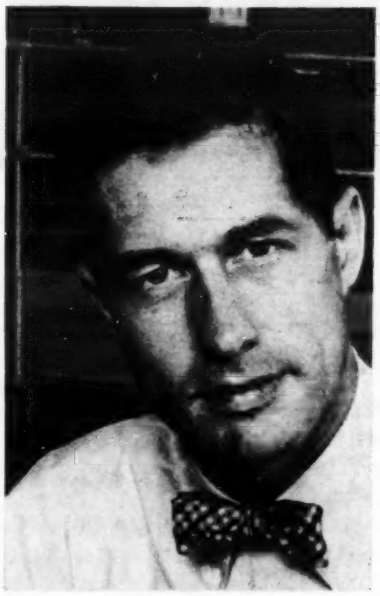

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Air Conditioning, Heating & Refrigeration *NEWS*

Only Half of Mfrs. Who Sold Air Conditioning In '53 Are Selling Today

DETROIT — Of the 76 manufacturers of packaged air conditioning equipment who marketed units eight years ago, only 37, or slightly less than half are still selling equipment under their own label today.

Of the 104 manufacturers active five years ago, 66, or slightly less than two thirds are still selling packaged equipment under their own label.

This high rate of attrition in the air conditioning industry is revealed in a study of specifications listings in 1953, the first year the NEWS published specifications, in 1956, and in 1961.

The attrition is due to companies going out of the air conditioning business, being purchased by other companies, or by mergers in which their identity has been lost.

Of the 46 manufacturers of room air conditioners in 1953, only 15 are still selling them today. Of the 40 manufacturers selling room units in 1956, 24 are still doing so. Total number of room air conditioner manufacturers in 1961 was 34.

In 1953, room air conditioner manufacturers averaged 4.5 models in their lines. By 1956, the average had jumped to eight models and in 1961 to 10.

In 1953, 31 manufacturers produced packaged commercial air conditioners. Of these 21 are still selling them. In 1956, 57 companies were marketing packaged commercial equipment. Of these 40 are still active in this field.

Eight years ago, 41 manufacturers were selling packaged residential air conditioning. Their ranks have been trimmed to 21 today. In 1956, 71 manufacturers of residential equipment were listed by the NEWS. Of these, 40 were still producing in 1961.

ALCO *the one complete line*

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For Air Conditioning and Refrigeration

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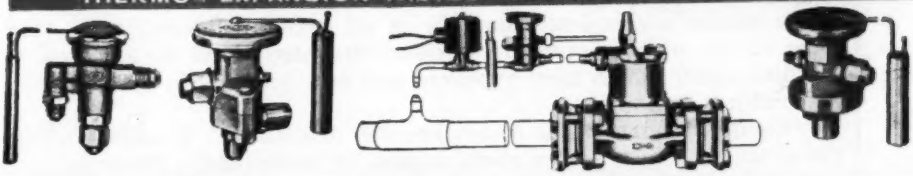
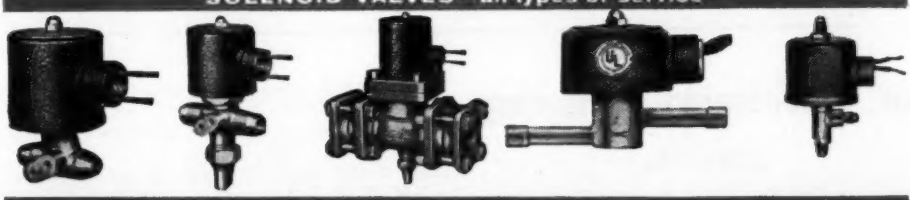
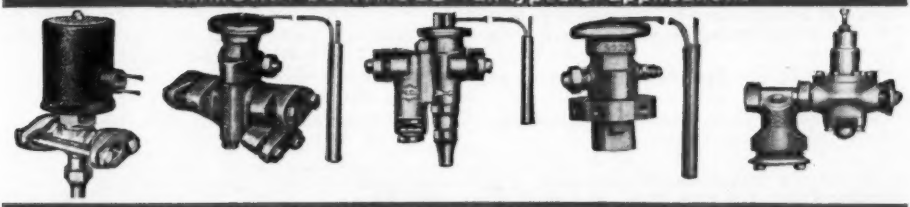


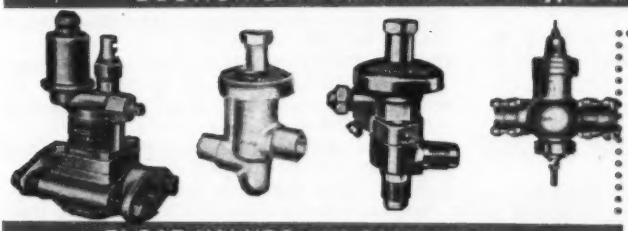
SOLENOID VALVES—all types of service



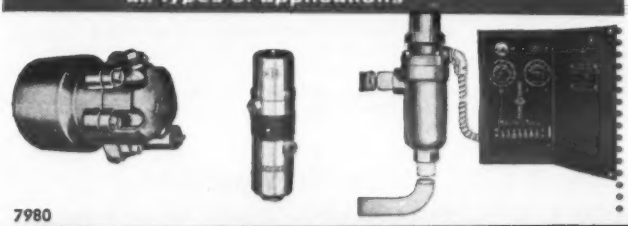
AMMONIA CONTROLS—all types of applications



SUCTION LINE CONTROLS—all types of applications



FLOAT VALVES and SWITCHES—all types of applications



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Guide to Stories Which Ran In the NEWS In 1961

Editor's Note: Following is a listing of some of the stories and articles which appeared in the NEWS during 1961. This is by no means a complete summary of all articles, but rather some of the more significant stories. They are noted by the headline under which they appeared and are classified by general subject matter.

Copies of some of the issues are still available at 40 cents for a single copy; ten or more copies, 30 cents each; 50 or more copies, 20 cents each. Please see box on page 376 for a listing of available issues.

Air Conditioning & Heating

GENERAL

Atlantans Try To Clarify Electric Heat Jurisdiction. April 17, p. 1, 44.

Slower but Steady Growth Now Seen Pattern for Air Conditioning Sales In Early '60s. Feb. 13, p. 1, 4.

UL Moving To Shorten Testing Time. April 24, p. 1, 44.

Air Diffusion Council Formed by Manufacturers. Aug. 28, p. 1, 24.

Modulated Heating: NWAHACA To Study Possibility of Regulating Temperature with Varying Volume of Fuel Flow. May 15, p. 21.

Patient Recovery Rate Also Rises. Feb. 13, p. 6.

AGA Air Conditioning School. Feb. 13, p. 70.

Lone Star Had 5,170 Conditioners on Line at Year End. July 10, p. 16.

The 5-Year Warranty: A Progress Report. March 6, p. 11, 13.

The 5-Year Warranty: Is It Really a Monster? March 6, p. 12.

Most Packaged Air Conditioner Brands Yet Compete for '61 Buyer's Dollar. March 6, p. 1, 20.

Conclusions and Findings from ASHRAE Technical Sessions, Symposia (2). March 20, p. 26.

Why Do Architects, Engineers, Mfrs., Contractors Resist Product Changes? May 1, p. 11.

Atmospheric Ion Control. May 1, p. 16, 17.

How 'Brainstorming' Livened Up Distributor's Dealer Meeting. May 8, p. 26.

What's for Heating In 1986? May 15, p. 29.

Joe Elliott Takes a Hard Look After Year In the Industry, Sees Need for Smarter, More United Sales Effort, but Thinks 20%-Per-Year Growth Is Feasible Goal. June 19, p. 17, 18, 19.

How Detroit Handles 'Unapproved' Units. July 3, p. 1, 18.

'61 Was No Boom, No Bust for Cooling Sales. Aug. 21, p. 1, 21.

Sees Utility Role Waning In Gas Cooling. May 22, p. 1, 4.

Miami Area Reports Show First Quarter 40% above Last Year. June 26, p. 1, 21, 22, 23, 24.

To Sell Air Conditioning The South SHOUTS While The North Whispers. May 29, p. 1, 28.

Gas Industry Maps Biggest Cooling Drive for 1961. April 3, p. 1, 19.

May Climatological Evaluation Chart Gives '59 and '60 Ratings for 31 Cities. May 1, p. 8.

Air Conditioning Keep 'em 'Down on the Arizona Desert.' July 31, p. 1.

NWAHACA Plans Research In Mild Climate. July 17, p. 1, 27.

Heat Pumps Pace Unitary Air Conditioner Sales In 1960. April 10, p. 1.

IRS Set To Apply Excise Tax on Self-Contained Centrals. Aug. 14, p. 1, 32.

ARI, G-E To Fight Tax on All Self-Contained Air Conditioners. Aug. 21, p. 1, 24.

U. S. Use of Advisory 'Clean Room' Criteria as Spec Protested. Oct. 2, p. 1, 34.

Detroit Utility Ask Early Warning on Cooling Installations To Help Eliminate Delays that Make Customers Unhappy. Oct. 9, p. 22.

ARI To Spend Effort, Money on Improved Industry Performance. Nov. 27, p. 1, 20.

$6 Billion In Air Conditioning Sales During Next 5 Years Seen by Wampler. Dec. 4, p. 1, 4.

Filter Mfr. Doubts Wisdom of Requiring Specific Percentages of Outside Air. Nov. 27, p. 5.

COMMERCIAL

440 Zonal Heat Pumps In Operation To Condition Atlanta's Merchandise Mart. July 17, p. 1, 4.

(Continued on Page 16)

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Air Conditioning and Heating

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Trial Project Has Conventional Heating, Ventilating System. July 31, p. 2.

'Low-Boy' Free Standing Fan-Coil Unit Provides Heating, Cooling for Apartments. Feb. 20, p. 18.

Refrigeration Has Vital Role To Play In Sara Lee's Automated Bakery In Chicago. July 10, p. 7.

Heat Pump In Chicago Food Mart Uses Heat from Refrigerated Cabinets To Warm Store In Winter. July 10, p. 10.

Glass Fiber Duct Helps Solve "Quiet" Problem In Building's Transformation. Jan. 16, p. 11.

Distributor's Schools Designed To Upgrade Work of Commercial Air Conditioning Dealers Success of $7,000 Investment Brings Plan for More. July 10, p. 36, 37, 38, 39.

Gas-Fired Heating-Cooling System Avoids Disturbing Office Workers. Aug. 14, p. 9.

Detroit School Board Authorizes Experiment with Electric Heating. Jan. 16, p. 25.

Heat Pump for Existing Building—Old Lincoln Motor Div. Building In Detroit Being Conditioned Year-Round by Air-to-Water System. Feb. 13, p. 72, 73.

Refrigerant Monitoring System Protects Hotel Air Conditioning Plant from 'Human Error.' April 10, p. 10, 11.

High Voltage System Effects Economies; $20,000 Savings Claimed for Job In Albuquerque. May 8, p. 27.

Air Conditioning an Old Office Building. July 10, p. 40, 41, 42, 43.

Fort Worth Adds 700-Ton System To Cool Will Rogers Coliseum, Exhibits Building. Aug. 14, p. 13.

Only 1 Traffic Light In Town, But 11 Air Conditioned Businesses. March 6, p. 1, 55, 56, 57.

Houston Okays Domed, Conditioned Stadium. Feb. 13, p. 1, 83.

Believe Mechanical, Design Features of Air Conditioned School Will Save $110 Monthly. Feb. 13, p. 17.

Gas Utilities Urged To Use Financial Strength To Lease Cooling to Customers Who Shy Away from High Initial Cost. Aug. 21, p. 11.

Air Conditioning Is Cheaper Than New Building—Kalamazoo Prexy. Feb. 13, p. 8.

Armstrong Cork Claims Acoustical Mineral Tile Suspended Ceiling Makes Economical Air Diffuser. Jan. 16, p. 6, 7.

CRAC Drive Pushes School Cooling—Cartoon Ads Cite Tax Savings Angle. March 20, p. 1, 34.

What Does Owner Expect from Air Conditioning Contractor? April 10, p. 30, 31.

Pioneer Bowl Air Conditioning System Puts Coolest Air In Alley Approach Area. May 1, p. 20.

Check of Similar Installations Proves Out Engineering Plans Designed To Assure Maximum Rental Area In Lee Tower. Aug. 21, p. 18, 19.

Year-Round Cooling Needed To Offset Heat from Equipment In Communications Center. Aug. 28, p. 7.

Owner's Report (1)—How Florida Chain Applies & Views Industry's Products. March 6,p. 63, 64.

Teofani Says Faith In Distributor-Dealer Method Must Be Backed by Effective Promotion to Get Retail Sales. March 6, p. 48, 49.

Get $1 Per Sq Ft More for Cool Office. July 10, p. 1, 32.

All God's Children Need Air Conditioning. June 5, p. 16, 17.

Montreal Urban Redevelopment To Get 6,000 Tons of Refrigerating Equipment. July 10, p. 16.

Church Beauty Unmarred by Air Conditioning. Feb. 13, p. 64, 65.

'Dual Duct' Air Mixing Units Play Role In Renovation of U. S. Capitol. Jan. 16, p. 7.

Locating Return Air Grille Under Counter Saves Valuable Space In N. Y. Restaurant. Feb. 6, p. 5.

Central Heating and Cooling Plant To Serve Hartford's Constitution Plaza, Idea May Furnish New Source of Income for Utilities In Other Major Cities. Feb. 20, p. 12, 13.

Plan To Air Condition 13,050 Chain Stores During 1961 at a Cost of $138,500,000, 'Chain Store Age' Reports. March 6, p. 50.

Gas Air Conditioned School Can Be Built for Less Than Conventional School—AGA. April 10, p. 9.

Big Builder's Story Says They 'Chisel' on Cooling Systems. June 19, p. 1.

Heating Contractors Tell of Pay-Offs To Get New York School Work OK'd. July 10, p. 18.

Modernization Problem Solved Cleverly at Beverly Hotel. Sept. 4, p. 31.

Central Plant Serves 100-Acre Garden State Plaza. April 24, p. 12, 13.

Self-Serve Department Store Saves Extra $4,000 with Rooftop Heating-Cooling Units. April 3, p. 9.

Rochester Utility Modernizes for 1970 Integrates Heating, Cooling, Lighting In 10-Story Building. April 17, p. 12, 13.

Camouflaged Heat Pumps Lurk In War-Scarred Alamo. June 12, p. 18, 19.

Sarasota County Cools Courthouse, Calaboose. May 22, p. 3.

Aluminum and Glass Church Cooling Problems Solved by 50-Ton Roof Unit. July 24, p. 11.

May Save $1,800 Yearly—Water-to-Water-to-Air Heat Pump System Squeezes Every Useable Btu from Water. Jan. 16, p. 14, 15.

All Gas Heating, Cooling System Serves as Laboratory for Controls Manufacturer. Feb. 13, p. 22, 23.

Botanical Garden—Unshaded, Unpartitioned Geodesic-Domed Climatron Gets Varied Temperatures with 2 Systems. May 15, p. 31.

Underground Tubes To Furnish Heating, Cooling for 11-Story St. John's Hospital. July 10, p. 48.

Week-Long 'Selling Circus' Kicks Off Air Conditioner Sales Drive. June 19, p. 5.

Cooling Vital, Hospital Administrator Says. Feb. 20, p. 1, 26.

See Sharp Rise In Complete Hospital Cooling. July 31, p. 1.

Pre-Assembled High Pressure Fan-Coil Units Speed Air Conditioning System Installation. April 24, p. 20.

Tucson Baptists Find Packaged Heat Pumps Ideal for Church, School, Office Buildings. June 12, p. 30, 31.

Defense Dept. A. C. Spending to Continue. March 20, p. 1, 34.

Absorption System to Cool, Heat Waco's New Hillcrest Hospital Addition. Nov. 6, p. 9.

101 Packaged Heating and Cooling Units Handle Westgate Shopping Center from Roof. Nov. 6, p. 14, 15.

Cattle Auction Barn Profits by Keeping Customers Cool and Warm. Sept. 11, p. 12.

See Growth of Trend Toward Individual Heating Units for New Apartments. Sept. 11, p. 15.

Rochester Urban Renewal Possible Because of Cooling. Sept. 11, p. 19.

Air Conditioning at the Summit Hotel—Guest Rooms Include Combination Bar and Refrigerator. Sept. 11, p. 19.

Transistorized Controls Govern Dual Duct System In Maytag Bldg. Sept. 11, p. 36.

Circular Showroom with Floor-to-Ceiling Glass and 8-Point Star-Shaped Roof Gets Cooling from Underground Ducts. Oct. 2, p. 5.

College Gymnasium Makes Economical Use of Electric Infrared Heating. Oct. 9, p. 8.

Data Processing Center Air Conditioned by Battery of Roof-Mounted Packaged Units. Oct. 9, p. 15.

English Electric House Gets Partial Cooling from High Velocity System. Oct. 9, p. 19.

Logistics & Economics of Air Conditioning.
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Filtration System Cuts $100,000 Off Cost of Air Conditioning Big Newspaper Plant. Oct. 16, p. 6, 7.

New Type Centrifugal Fan Solves Space, Noise Problems In Coal Bldg. Sept. 18, p. 11.

Utility Puts Gas Air Conditioner Outside, Gives Patrons Shot of Cooling at Entranceway. Sept. 18, p. 12.

United Engineering Center Cooling System Uses New Induction Unit. Sept. 18, p. 13.

Leasing Air Conditioning Can Be Beneficial, Building Owners Told. Sept. 18, p. 13.

Idlewild to Add 3,000 Tons Capacity To Cool New Multi-Line Air Terminal. Sept. 18, p. 25.

'Add-On' Building Installs 'Add-On' Air Conditioning in Ontario. Sept. 18, p. 25.

Using Condenser Heat To Help Warm Building Saves Market $500 a Year. Sept. 18, p. 26.

What Do Building Owners, Managers Say about Air Conditioning? Sept. 18, p. 30.

10 Fan-Coil Units Heat, Cool Library with Individual Controls. Sept. 18, p. 34.

Utility Hits Jackpot with Gas Cooling In Shangri-La of the One-Armed Bandit. Sept. 25, p. 5.

Triple-Over-Riding Dual Control Allows Economical Off-Hour Partial Use of Air Conditioning In Large Building. Sept. 25, p. 6.

LaGuardia Field Installs Metered Air Conditioning. Sept. 25, p. 9.

$10 Million Centralized Air Conditioning System To Serve 5-Bldg. Cultural Center. Oct. 23, p. 3.

Electric Heat—Where Does It Stand? Will It Grow? Are Users Satisfied? Nov. 13, p. 1, 24.

Electric Heat—Utica, Mich. Schools Like It. Nov. 13, p. 12, 13.

ARI Estimates $600 Million of Unitary Cooling Installed In '60. Nov. 20, p. 1, 28.

U. S. Schedules 47 Million Sq Ft of Air Conditioned Office Space. Nov. 27, p. 1, 4.

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Condensation-Free Multi-Glass Assured by Air Conditioning at New Bally Plant. Aug. 28, p. 9.

Bethlehem Steel Puts Heating, Cooling Plant Into a Glass and Steel 'Showcase.' March 20, p. 19.

Industrial Heat Recovery Has Become Major Consideration In Design of Cooling, Heating, and Ventilating Systems Because of Tremendous Costs Involved. July 17, p. 6, 7.

"White Rooms" Offer Expanding, Challenging Market for Supplier, Engineer, Contractor. Feb. 13, p. 44, 47, 48.

Air Conditioning In the Bottling Room. June 5, p. 32, 33.

Plant Production Near Normal as Contractor Installs 800 Tons of Air Conditioning. April 10, p. 20, 21, 22.

Heat Pump In New Industrial Building Uses Interior Heat To Warm Outer Areas. June 12, p. 41.

'World's First' Outside-Air-Source Centrifugal Heat Pump Installed at Masland Plant. May 29, p. 6.

Leading Pharmaceutical Firm Makes Extensive Use of Walk-Ins In New Manufacturing Plant. July 24, p. 21.

One-Story Factory Finds Packaged Units Most Economical Way To Air Condition—3 Separate Buildings Made Central System Too Costly, Complex. March 6, p. 65, 66.

Packaged Heat Pumps, Electrostatic Filters Improve Quality of 4-Color Printing (1). May 8, p. 33, 34.

Packaged Heat Pumps, Electrostatic Filters Improve Quality of 4-Color Printing (2). May 15, p. 30, 31.

Heat Pump Uses Only Centrifugals, Outside Air as Primary Heat Source. Sept. 11, p. 32, 33, 34.

Ship 'N Shore Boosts Summer Output 59%; Pressing Room Absenteeism Cut to 5%. Oct. 9, p. 14.

Problem of Heavy Exhaust for Die Casting Solved by 3 Makeup Air Handling Units. Oct. 23, p. 6, 7.

Industrial Heating, Ventilating Economics Discussed by Eckert at Region 5 ASHRAE. Nov. 20, p. 24.

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RESIDENTIAL

Year-Round Residential System for $1,000. Feb. 13, p. 49.

Cincinnati Industry Gets 3 Mos. To Supply Noise Data on Home Units. April 24, p. 1, 4.

Release Data Used To Set 60 Decibel Level for Home Cooling Unit. May 22, p. 1, 28.

'Existing Home' Air Conditioning Market Continues Growth In Cincinnati. May 29, p. 1, 27.

Zone Control Significant Comfort Factor. April 10, p. 16.

Propose Silver Shield National Council To Coordinate Activities. May 22, p. 1, 6.

Silver Shield Cities Rise 78% In Year. July 17, p. 1, 27.

A Case of Bad Judgment — Midwestern Lawyer Cool to Air Conditioning When Installation Burns Out Switch Box and Compressor, Fails To Cool House. July 3, p. 6, 7.

Image of Authority Given 2 Weekly Shots with 'Newspaper Column' Run as Ad. May 8, p. 16, 17.

Engineers Fight Battle of Room Units vs. Central Systems. July 10, p. 1, 3, 4.

Distributor's Prize Contest—How Detroit Firm Stimulated a Particular Product at the Local Level with Dealer Incentive Program. March 6, p. 70.

True Home Air Conditioning System That Blends Hydronics, Forced Air Does Everything the Definition Calls For. May 29, p. 14, 15, 16.

Valance System's Performance In Heating Does Not Match Its Cooling Efficiency. July 10, p. 15.

Noise Problem—Detroit Considers Action on Home Units. July 17, p. 1, 30.

Guaranteed Comfort—NEWS Camera Follows Contractor as He Installs Residential System to Meet BHCB Code. Sept. 4, p. 18, 19, 20, 21, 22, 23.

Birch Towers Apartments Challenged Cooling Designers, Installers. June 5, p. 36.

Apartment Owner Selects Individual Units for Comfort, Convenience, Economy, Looks. Aug. 14, p. 17.

Electric Homes Have Year-Round Climate Control with Optional Electronic Filter. Aug. 21, p. 6.

Contractors Tell What Silver Shield Has Meant to Them In NWAHACA Interviews. April 24, p. 35.

Response to Whirlwind Promotion on Ducted Electric Heat Tickles Utility. Aug. 21, p. 1, 4.

Overhead Distribution Falls Short of Silver Shield Standards Even In South. Aug. 14, p. 22, 23, 24.

OHI Reports Levittown, N. J. Homes Converting to Oil as Result of Unusual Budget Payment Plan. Feb. 6, p. 17.

Garden Apartments Offer Central Cooling as Optional Feature at $15 per Month. Aug. 21, p. 6.

FHA To Require ARI Certification for Unitary Air Conditioning Equipment. March 20, p. 1, 31.

'60 Home Cooling Drop In Wichita Due to Layoffs. Feb. 13, p. 1, 36, 37.

Wilmington Project To Show Home Builders How Cooling Boosts Sales. March 20, p. 1, 34.

Solar Heat Feasible, but Not Practical In New England—MIT. Sept. 11, p. 1, 39.

Air Conditioning Helps Sell Houses, Real Estate Brokers Say. Sept. 11, p. 4.

AGA OKs 'Spark-Lite' for Use on Heating Equipment. Sept. 11, p. 6.

Delaware Home Air Conditioning Project Called Success; Mull Use In Other Areas. Oct. 2, p. 1, 2, 4.

Combination Heating and Summer Cooling Systems for Residences Offer Challenge. Oct. 2, p. 28, 29.

Single Heating, Cooling Load Calculating Procedure Ready; First Publication Will Appear In New NWAHACA Manual J. Available Soon. Oct. 9, p. 1, 38.

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'Cool Air Clinic'—Florida Firm Uses Entertainment, Educational Sales Pitch To Promote Whole-Home Air Conditioning to Senior Citizens. Oct. 9, p. 31.

Designer Stresses Importance of Proper Air Supply In Shelter. Oct. 16, p. 1, 28.

Lack of Air Nearly Causes Shelter Tragedy. Oct. 16, p. 1.

1 Out of 8 Houses In U. S. Has Some Air Conditioning. Oct. 16, p. 1.

3-Man Crew Installs Hydronics Heating System In 4 Hrs. to Prove It Can Be Competitive. Oct. 16, p. 16, 17.

Hand or Motor-Operated Ventilator Developed for Fallout Shelters. Oct. 16, p. 26.

Is Silver Shield Successful? Growth In Number of Bureaus and Intensified Education Are Good Signs Despite Some Admitted Problems. Nov. 6, p. 1, 30, 31.

Silver Shield Bureaus To Vote on $10 a Year Fee for Promotion. Nov. 27, p. 6, 7.

Dealer Gives Room Unit Trade-In Allowance Toward Purchase of Central System. Dec. 4, p. 19.

$15 Million High Rise Apartment Project In Los Angeles Will Be Air Conditioned with Modern Gas Air Conditioning. Sept. 18, p. 8.

Presbyterian Residence for Senior Citizens Gets Gas-Fired Air Conditioning. Sept. 25, p. 13.

Coal Industry Expects 29 Million Electrically Heated Homes by 1980. Oct. 30, p. 2.

Humble Oil To Market 'Magic Grid' Heat Booster, Developed To Provide Substantial Fuel Savings for Oil Heat Customers. Oct. 23, p. 5.

Detroit Panel Informs Public on Various Types of Heating and Cooling Systems. Oct. 23, p. 10.

Electric Heat—Where Does it Stand? Will It Grow? Are Users Satisfied? Nov. 13, p. 1, 24.

What Users Say About Electric Resistance Heat. Nov. 13, p. 5, 6, 7.

TVA—Heartland of Electric Heat. Nov. 13, p. 8, 9, 10.

Electric Heat 'Growing by Leaps and Bounds,' Says Detroit Edison. Nov. 13, p. 20.

Utilities Tell What Kind of Electric Heat Is Being Installed—And Who Is Installing it. Nov. 13, p. 20, 21.
Mfrs. Discuss Industry Problems, See Utility as Key to Electric Heat Growth. Nov. 13, p. 22, 23.

NEWS Indicator Survey of Electric Heat Status In Representative Utility Areas. Nov. 13, p. 25.

Survey Shows Activities of 19 Dealers Who Have Put Electric Heat Systems Into 6,416 Residences. Nov. 13, p. 27.

Dedicated Salesman Clement Stanford Is So Sure of His Electric Heat Installations He Guarantees Them for 15 Years. Nov. 13, p. 28.

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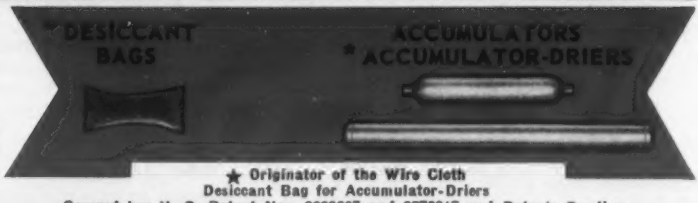

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525 N. FIFTH STREET BRIGHTON, MICHIGAN
THE "ORIGINAL EQUIPMENT" PARTS MANUFACTURER SINCE 1944

Alphabetic Listings of Manufacturers

A

A & A Register Co.
8327 Clinton Rd., Cleveland 9, Ohio.
Phone: AT. 1-6166.
G. G. Auer, bd. ch.; Paul Auer, pres.; Mark Auer, v. p.; Jack Congalton, sales mgr.
Diffusers, registers, grilles.

A.B.T. Mfg. Corp., Div. of Automatic Canteen Co.
2500 N. Main St., Rockford, Ill.
Phone: WO. 8-0451.
M. R. Manzer, sales mgr.; G. J. Wortman, pur. agt.
Coin and currency handling systems and vending machine components.
Trade Names: Sentry; Ace.

A C & R Components, Inc.
P. O. Box 3548, Detroit 3, Mich.
Phone: UN. 1-8100.
Factory: 4430 S. Tripp Ave., Chicago 32, Ill.
H. W. McPherson, bd. ch. & pres.; R. L. Lempke, secy.-treas.; D. J. Hugon, v. p. & pur. agt.; E. Kellie, sales mgr. & chief engr.
Oil separators, mufflers, fusible plugs, and flow control valves.

AIC Chemical Co., Div. of Amerace Corp.
(See Allegheny Industrial Chemical Co., Div. of Amerace Corp.)

A-J Mfg. Co.
3601 E. 18th St., Kansas City 27, Mo.
Phone: BEnton 1-5522.
A. S. Hurt, Jr., pres.; Mrs. A. S. Hurt, Jr., v. p.
Registers, grilles, diffusers, and accessories.

AMP, Inc.
Harrisburg, Pa. Phone: JO. 4-0101.
U. A. Whitaker, pres.; S. W. Pollock, v. p.-operations; F. E. Howell, v. p., industrial sales div.; A. F. Curtis, adv. mgr.; G. Beck, pur. agt.
Solderless terminals, connectors and wiring devices.

Ace Cabinet Corp.
358 Belleville Ave., New Bedford, Mass.
Phone: WY. 3-1721.
Commercial refrigeration.

Ace Pump Corp.
1650 Channel Ave., Memphis 1, Tenn.
Phone: WH. 8-8514.
R. E. Bell, Sr., pres.; R. E. Bell, Jr., mgr.-sales; W. J. Bond, Jr., factory mgr.
Water pumps, diaphragm descaling acid pumps, centrifugal pumps, nylon roller pumps.

Ace-Sycamore, Inc.
448 DeKalb Ave., Sycamore, Ill. Phone: 4573.
B. E. Holub, pres.; Bruce Deahl, sales mgr.
Vacuum cleaners, commercial; motor maintenance products; portable spot welders.

Acer & Whedon, Inc.
Commercial St., Medina, N. Y. Phone: 78.
O. W. Acer, pres.; H. A. Acer, v. p.; D. W. Acer, secy.-treas.; M. Y. Acer, prod. mgr.
Warm air and air conditioning distribution; pipe and fittings.

Acklin Stamping Div. of Tecumseh Products Co.
1925 Nebraska Ave., Toledo 7, Ohio.
Phone: JE. 6-4661.
A. E. Seeman, exec. v. p. & gen. mgr.; H. F. Smith, v. p.; R. K. Sterling, dir. of pur.; P. C. Wood, works mgr.
Stampings.

Acme Electric Corp.
Water St., Cuba, N. Y. Phone: #4.
Branch Factory: Allegany, N. Y.
J. A. Comstock, bd. ch. & pres.; E. A. Miller, v. p.; K. E. Hampton, v. p.; H. E. Riordon, v. p.; C. L. Feigel, sales dir.; G. W. Mabey, mdsg. mgr.; A. J. Rudy, pur. agt.; E. H. Webb, gen. mfg. mgr.; J. Ellis, export mgr.
Tapped winding; boost and buck transformers.

Acme Industries, Inc.
600 N. Mechanic St., Jackson, Mich.
Phone: STate 2-8231.
Branch Factory: Greenville, Ala.
K. A. Weatherwax, pres.; P. A. Weatherwax, exec. v. p.; W. M. Hassenplug, exec. v. p.; E. B. Dunphy, v. p.-OEM sales; D. G. Merrill, field sales mgr.; D. Hannan, prod. sales mgr.; P. Butterfield, prod. sales mgr.; H. W. Smith, adv. & sales prom. mgr.; C. A. Glassman, pur. agt.; H. R. Krueger, dir. engrg.; G. F. Rushford, mfg. mgr.; R. L. Bishop, service mgr.
Air conditioning and refrigeration systems and system components.
Trade Names: Flow-Pac*; Flow-Cold*; Flow-Temp*; Flow-Therm*; Flow-Mizer*; Dry-Ex*; Econ-O-Mizer*; Turbair*.

Acme National Refrigeration Co., Inc.
19-26 Hazen St., Astoria, N. Y.
Phone: RA. 1-5510.
Sidney Spielman, pres.; J. Rosenhatt, sales mgr.; J. Back, factory mgr.
Lowboy refrigerators and refrigerator combinations.

Acme Steel Co.
135th St. & Perry Ave., Chicago 27, Ill.
Phone: INterocean 8-9500.
G. F. Griffith, pres.; W. S. Huss, pres.-steel prod. div.; J. H. Myers, v. p.-mktg.; P. L. Dafoe, v. p.-fabricated materials div.; A. G. Denne, v. p.-stitching.
Slotted angle, metal stitchers; steel strapping.
Trade Name: AIM*.

Addison Products Co.
Addison, Mich. Phone: LI. 7-1200.
Branch Factory: Jonesville, Mich.
V. C. Knight, bd. ch. & pres.; H. L. Ruliffson, v. p.-sales; G. N. Gray, v. p.-prod.; E. R. Tobin, pur. agt.; J. A. Prugh, dir. engrg.; E. A. Heller, service mgr.; R. E. Dyas, appliance products mgr.; J. F. Brownell, unitary equip. mgr.; W. C. Rehor, com'l products mgr.
Contract manufacturer of air conditioning units, refrigeration equipment, heat pumps; field sales split air conditioners and heat pumps above 7½ hp.

Adelta Mfg. Co., Inc.
21st & Ellsworth Sts., Philadelphia 46, Pa.
Phone: PE. 5-7843.
Robert Corbman; Milton Parmet; Angelo Fasulo; Martin Posner.
Standardized furnace pipe, elbows, ducts, and fittings, residential.

Admiral Corp.
3800 Cortland St., Chicago 47, Ill.
Phone: SPaulding 2-0100.
R. D. Siragusa, bd. ch. & pres.; Vincent Barreca, exec. v. p.; M. Sheridan, v. p.-pub. rel.; F. J. Kazda, v. p.-pur.; F. A. Bonner, sales mgr., Admiral Intl. Corp.

Admiral Sales Corp.: C. E. Lantz, pres.; R. D. Siragusa, v. p.-sales; B. L. Stahischmidt, gen. sales mgr.; C. S. Grill, adv. mgr.; W. Wood, natl. service mgr.; J. Gall, sales mgr.-air cond. & freezers; J. Schoner, sales mgr.-refrig.; H. K. Rollins, sales mgr.-ranges.
Room air conditioners; home refrigerators and freezers.

Advanced Engineering Corp.
3625 W. Elm St., Milwaukee 9, Wis.
Phone: FL. 2-2800.
W. A. Gebhardt, pres.; W. H. Ames, exec. v. p.
Cooling and freezing equipment (low side) for food industry.
Trade Names: Gebhardts; Compress-O-Vac.

Aerofin Corp.
101 Greenway Ave., Syracuse 3, N. Y.
Phone: GR. 4-5376.
Finned coils.

Aeroquip Corp.
300 S. East Ave., Jackson, Mich.
Phone: STate 3-2585.
P. F. Hurst, pres.; D. T. McKone, Sr., exec. v. p.; B. A. Main, Jr., v. p.-engrg.
Flexible hose assemblies; couplings; fittings and hose; flange, split flange fittings; industrial tubing products.
Industrial Div.
Jackson, Mich.
Plants: Van Wert, Ohio; Dallas; Burbank, Calif.; Portland, Ore.; Jamesburg, N. J.
W. F. Rogge, v. p. & gen. mgr.; V. Emery, gen. sales mgr.
Trade Names: Socketless; "little gem"; "super gem."
Marman Div.
11214 Exposition Blvd., Los Angeles 64, Calif.
Phone: GR. 8-0921.
J. M. Van Dam, v. p. & gen. mgr.; T. J. Josalle, gen. sales mgr.
Clamps; flexible fuel and pneumatic line couplings; v-band couplings; stainless steel straps; universal joints; joint systems; check valves.
Trade Names: Conoseal; Servicemaster; Flexmaster; Ventiduct; Flagmaster; Patchmaster; Live Joint; Bracketmaster.

Aerovox Corp.
740 Belleville Ave., New Bedford, Mass.
Phone: WYman 4-9661.
W. M. Owen, pres.; F. Powers, exec. v. p.; E. E. Bauer, v. p. & gen. mgr.; F. L. Marshall, v. p., mgr. sales; R. F. Swoish, air cond. mktg. mgr.; G. R. Tinay, product mgr.-air cond. & refrig. div.; H. L. Mohel, pub. rel. mgr.; R. Crabbe, pur. agt.; A. J. Warner, mgr.-research & engrg.
Running and starting capacitors; box assemblies.
Trade Names: Hyvol; Weatherguard.

Aget Mfg. Co.
1327 E. Church St., Adrian, Mich.
Phone: COlfax 5-2106.
M. Olsaver, sales mgr.; R. J. Comar, pur. agt.; R. V. Wakefield, engr.
Dust collectors and mist collectors.
Trade Names: Dustkop; Mistkop.

Aimco Products Corp.
(See Yuba-Aimco Div.)

Ainsworth Mfg. Co.
10616 W. Seven Mile Rd., Detroit 21, Mich.
Phone: DIamond 1-1672-3-4.
Branch Factory: Marysville, Mich.
B. A. Mitchell, pres.; F. J. Komerska, exec. v. p.; G. Rice, v. p.-sales; R. Thomson, v. p.-engrg.
Tubular products.

Air-Con Filter Corp.
1137 S. Third, Memphis, Tenn.
Phone: WH. 6-1625.
W. W. Rowland, pres.
Trim to size filters—½ in. and 1 in. thick—aluminum, bronze, and steel air filters; filter fabrication supplies; aluminum, bronze, and steel grease filters; deodorizing filter spray.
Trade Names: A-Con; B-Con; G-Con; S-Con; FA-Con; V-Con; Perma-Trim.

Air Conditioning Engineering Co.
44 First St., Cambridge 41, Mass.
Phone: KIrkland 7-2700.
R. A. Sheffield, pres.; R. J. Sheffield, v. p.; H. C. Hartford, mgr. air cond. div. & sales mgr.; R. A. Sheffield, Jr., pur. agt.; K. Von Sneidern, chief engr.; J. Zuppe, service mgr.
Commercial and residential air conditioning; dehumidifiers; blowers; fans; ventilators; furnaces.
Trade Name: Perfectaire*.

Air Conditioning Equipment Corp.
219 E. 44th St., New York 17, N. Y.
Phone: MU. 7-3099.
J. B. Hewett, pres.; K. S. Davidson, v. p.
Mechanical Btu meter; electrical Btu meter; gas density recorder; low flow alarm; chart recorder for Btu and gallons.
Trade Names: Pollux; Sweep Balance*.

Air Conditioning Inc.
88 N. Highland Ave., Ossining, N. Y.
Roof mounted heating and cooling units.
Tade Name: Atmos-Pak*.

Air Conditioning Industries, Inc.
P.O. Box 6602, 5403 Rice Ave., Houston 5, Texas.
Phone: MOhawk 7-6761.
B. L. Shannon, bd. ch. & pres.; Nancy Shannon, exec. v. p.; E. Galbreath, factory mgr.
Fan-coil air conditioning equipment, special lab temperature and humidity units.
Trade Names: Comfortmaster; Psychronditioner.

Air Control Products, Inc.
Coopersville, Mich. Phone: 837-4141.
Branch Factory: Saranac, Mich.
R. L. Leigh, pres.; K. M. Parsons, v. p.; K. L. Babcock, dir. engrg.; H. C. Galleher, adv. mgr.; R. Avery, pur. agt.; C. D. Allan, asst. sales mgr.
Diffusers, grilles, registers, and screws.
Trade Name: Spee-d.

Air Controls, Inc.
2310 Superior Ave., Cleveland 14, Ohio.
Phone: PR. 1-3188.
Arthur Friedman, pres.; A. E. Friedman, v. p.-sales; A. Craver, sales mgr.; Leonard Gold, adv. mgr.; H. L. Vehlhaber, pur. agt.; Robert Larkin, chief engr.
Blowers and fans.
Trade Name: Rex.

Air Cooling Engineering Co., Inc.
3812 N. Lawrence St., Philadelphia 40, Pa.
Phone: BAldwin 5-2263.
Branch Factory: Benton Harbor, Mich.
E. D. Truitt, pres.; Peter Valentine, Jr., v. p. & treas.; Wm. H. Doerr, Jr., secy.
Industrial and commercial evaporative coolers, air washers and air volume controls.
Trade Name: Polar Breez.

Air Devices, Inc.
185 Madison Ave., New York 16, N. Y.
Phone: MU. 6-2050.
Branch Factory: Union City, N. J.
C. N. O'Day, pres.; G. J. Sweeney, exec. v. p.; H. K. Kunen, v. p. & sales mgr.
Registers, grilles, and roof exhausters; high velocity systems; air filters; diffusers.
Trade Name: Agitair*.

Air Door, Inc., Div. of New Castle Products, Inc.
Box 353, New Castle, Ind.
Phone: JAckson 9-1450.
Wm. L. Ellis, sales mgr.; C. F. Van Buskirk, pur. agt.
Air entrances.
Trade Name: AirPAC.

Air Dynamics, Inc.
9742 Klingerman St., S. El Monte, Calif.
Phone: CU. 3-7748.
J. V. Singer, pres. & gen. mgr.; L. K. Nethersole,

v. p. & plant mgr.; Saul Pressman, treas. & chief engr.
Central station gas fired and wet heat multizones; fan-coil units; evaporative coolers, slinger and rotary type.
Trade Name: Airdyne.

Air Filter Corp.
4554 W. Woolworth Ave., Milwaukee 18, Wis.
Phone: FL. 3-5800.
W. H. Welty, v. p.-sales.
Air filters, grease, air, special.
Trade Name: Airsan.

Air-Maze Div. of Rockwell-Standard Corp.
25000 Miles Rd., Cleveland 28, Ohio.
Phone: AX. 2-6800.
W. B. Watterson, gen. mgr.; John Clem, gen. sales mgr.; R. E. Brown, chief engr.
Air filters.
Trade Names: Kleenflo; Automaze; Greastop; Mistimaze; Lint-A-Maze.

Air & Refrigeration Corp.
439 Madison Ave., New York 22, N. Y.
Phone: PL. 1-0660.
Branch Factory: Atlanta.
J. S. Perillo, pres.; D. C. Lindsay, v. p.; H. C. Jones, secy.-treas.; H. S. Dutcher, sales mgr.; H. Robbins, pur. agt.; E. DiBenedetto, chief engr.; J. L. Blackshaw, factory mgr.
Commercial and industrial air conditioning equipment.
Trade Names: Capillary*; A&R Products*; T///D*.

Air Seal Insulating Glass Units Co.
522 Powell St., Gloucester, N. J.
Phone: GL. 6-3922-23.
M. J. Yudenfreind, pres.; A. Porfman, factory mgr.; A. Horn, products engr.; J. E. Stone, office mgr.
Insulating glass units.

Aircraft Production Engineers
1834-42 W. 59th St., Chicago 36, Ill.
Phone: HE. 4-0500; PR. 6-7000.
R. G. Hilger, Sr., pres.; L. C. Bremer, secy.-treas.
Ammonia and Freon compressors; ammonia valves.
Trade Name: XL-Hilger.

Airfan Engineering Co.
7401 Telegraph Rd., Los Angeles 22, Calif.
Phone: RA. 3-3354.
D. Reznick, pres.; E. A. Fekete, chief engr.; D. Ratner, plant supt.
Air washers, evaporative coolers, fans, blowers, heating-ventilating units and multizone air handlers, diffusers.

Airgard Mfg. Co.
362 W. Erie St., Chicago 10, Ill.
Phone: SU. 7-7558.
H. A. Hunt, mgr.
Electric window filter-ventilator units, air filters.
Trade Name: Airmat-drifilter.

Airkem, Inc.
241 E. 44th St., New York 17, N. Y.
Phone: MU. 7-1500.
Branch Factories: Bronx, N. Y.; Chicago.
J. A. Monkman, bd. ch.; F. W. Conkling, pres.; Irwin Wheeler, v. p.; G. E. Smith, v. p. & sales mgr.; J. H. Hulse, adv. mgr.; W. P. Casey, prod. & procurement; Paul Hatam, supt.-N. Y.; F. J. Kelly, supt.-Chicago.
Air quality control units, odor counteractants; detergents; disinfectants; smoke odor removal service; industrial odor control units.
Trade Names: AE Osmetrol; Sentinel; Guardian; Cavalier; A-3*; Deoterge; Solidaire*.

Airserco Mfg. Co.
3875 Bigelow Blvd., Pittsburgh 13, Pa.
Phone: MAyflower 1-6980.
Cable Address: AIRSERCO PITTSBURGHPA.
E. C. Williams, pres.; H. M. Werle, secy.; H. G. Saunders, v. p.-sales; A. H. McNamara, treas.; A. W. Goff, adv. mgr.; A. Matvey, factory supt.
Refrigeration testing instruments; refrigerant handling and measuring equipment; vacuum pumps and gauges; replacement parts and accessories; factory processing equipment.
Trade Names: Evacuator; Cart-Stand; Carry-Stand; Frankell Hermetic Compressor Opener; Liqui-Vac; Thermo-Lok; Thermo-Meter; Thermo-Tester; Start-O-Metic; Super-X.

Airtemp Div., Chrysler Corp.
1600 Webster St., Dayton 1, Ohio.
Phone: 226-2468.
W. P. Balthrop, pres.; T. W. Kirby, v. p.-mktg.; R. J. Schumann, dir. mfg.; P. W. Wyckoff, chief engr. & dir. products; M. B. Smith, prod. programming & procurement dir.; M. Kane, compt.; H. M. Coy, pur. agt.; E. D. Dickson, dir. mkt. planning; W. Fitch, dir. special markets; R. B. Stotz, dir. AM&S; H. H. Hilburn, mgr. mkt. research; L. E. Epley, dir. adv. & sales prom.; F. J. Laughna, dir. sales & distribution; R. A. Gonzalez, dir. nat. service.
Air conditioning and heating equipment.

Airtherm Mfg. Co.
P. O. Box 7039, St. Louis 77, Mo.
Phone: MO. 4-6666.
F. P. Kohlbry, pres.; S. T. Kohlbry, exec. v. p.; B. M. McDougall, sales mgr.; R. O. Reeves, pur. agt.; J. D. Rosebrough, chief engr.; Orville Ellis, factory mgr.; Roy Weibe, compt.
Heating and air conditioning equipment.
Trade Names: Centralaire; Unitaire.

Akron Metallic Gasket Co.
150 N. Union St., Akron, Ohio. Phone: JE. 5-7184.
J. C. Musser, pres.; J. E. Ake, v. p. & gen. mgr.; J. A. McElroy, sales mgr.
Metal, metal and asbestos gaskets, shims, sheet metal stampings, washers.
Trade Names: Akro; Akronite; Duplex; Summit.

Aladdin Heating Corp.
1111 Aladdin Ave., San Leandro, Calif.
Phone: EL. 7-6711.
J. E. Devoto, pres.; R. M. Terry, exec. v. p.; J. M. Marr, v. p.-blowers; W. W. McClean, v. p.-engrg.
Blowers, ovens, dryers, air handling equipment.

Albion Div., McGraw-Edison Co.
704 N. Clark St., Albion, Mich.
Phone: NAtional 9-2101.
M. F. Beisber, pres.; W. G. Kronauge, v. p.-sales; C. J. Kayko, v. p.-mfg. & Engrg.; C. W. Peterson, sales mgr., heating products; D. D. Williams, sales mgr., central cooling products; W. H. Lewis, adv. & sales prom. mgr.; R. M. Stokes, pur. agt.; W. Schade, plant mgr.; F. W. Lollar, service mgr.; V. A. Rydberg, compt.
Residential and room air conditioners; gas and oil space heaters; dehumidifiers; humidifiers; air filters; electric heat tubular heating elements.
Trade Names: Coolerator*; Thomas A. Edison*; Lectrofilter*; HeaTube*; Tropic-Aire*; Edison Tropic-Aire*.

Alco Valve Co.
865 Kingsland Ave., St. Louis 30, Mo.
Phone: PArkview 5-2460.
Export Office: Sillcox Refrig. Corp., 70 Pine St., New York City.
R. Maguire, bd. ch.; J. E. Dube, pres.; C. B. Lockwood, exec. v. p.; G. J. Boepple, dir. of sales; A. H. Tegtmeyer, asst. to dir. of sales; P. E. Bartels, mgr., tech. sales-service dept. A. C. Sievers, adv. mgr.; W. Calvin, pur. agt.; J. A. Schenk, dir. of engrg.; R. B. Tilney, dir. of research & development; L. Trowbridge, factory mgr.; E. E. Mattox, service mgr.; M. E. Caesar, mgr. order dept.
Automatic refrigerant controls.
Trade Names: Thermo*; Evapotrol*; Lectro-Level; Venturi-Flo; Dri-Kleaner*.

All-State Welding Alloys Co., Inc.
249-55 Ferris Ave., White Plains, N. Y.
Phone: WH. 8-4646.

Branch Factories: St. Louis; South Gate, Calif.; Toronto, Ont., Can.
T. D. Nast, pres.; R. H. Mandel, v. p.; S. F. Mandel, gen. mgr.; L. S. Wade, sales mgr.; C. J. Oleson, pur. agt. & works mgr.; J. Donnelly, dir. tech. training; R. FitzSimons, pub. mgr.; M. Camargo, asst. export mgr.
Alloys and fluxes for soldering, brazing, welding, cutting and tinning.
Trade Names: Brazaloy*; Duzall*; Galvover*; Jet Flux*; Siltube*; Kromover*; Rubbon*; Phostube*; Silver Phostube*; Roll Matrix*; Spoolarc*; Steelarc*; Smoothcote; Trucote.

All-Weather Supply Co., Inc.
1186 Broadway, New York 1, N. Y.
Phone: OR. 9-2770.
Jack Graubard, pres.
Room air conditioner covers.
Trade Name: Weather-Hood.

Allegheny Body Co., Inc.
1633 N. Sixth St., Philadelphia 22, Pa.
Phone: CEnter 2-1440.
J. Horn, pres.; L. Horn, v. p.; Claire Pack, secy.-treas.; H. Hirshberg, sales mgr.
Refrigerated truck bodies.
Trade Name: ABCO.

Allegheny Industrial Chemical Co., Div. of Amerace Corp.
P. O. Box 786, Butler, N. J. Phone: TE. 8-5252.
J. R. Carlson, gen. mgr.; A. E. Schmorr, pur. agt.; G. H. Knepple, prod. mgr.; E. V. Rokisky, chief engr.; C. E. Harvey, sales mgr.
Synthetic magnesium silicates.
Trade Name: Aicco-Sol.

Allegheny Ludlum Steel Corp.
Oliver Bldg., Pittsburgh 22, Pa.
Phone: COurt 1-5300.
Branch Factories: Brackenridge, West Leechburg, Pa.; Dunkirk, N. Y.; Detroit; Los Angeles.
E. J. Hanley, pres.; E. F. Andrews, v. p.-pur.; G. L. Roark, gen. mgr. sales; C. R. Mitchell, Jr., dir. sales, stainless & specialty steels; C. B. Templeton, mgr. adv. & prom.; J. D. Paulus, dir. pub. rel.
Stainless steel sheets, strip, tubes, bars, wire, tool steel; cemented carbides.
Trade Name: Carmet*.

Allen-Bradley Co.
136 W. Greenfield Ave., Milwaukee 4, Wis.
Phone: ORchard 1-2000.
Branch Factory: Galt, Ont., Can.
Electric motor controls.

Allied Chemical Corp., Nitrogen Div.
40 Rector St., New York 6, N. Y.
Phone: HAnover 2-7300.
Branch Factories: Hopewell, Va.; South Point, Ohio; Omaha, Neb.
J. J. Porter, dir. ind. sales; R. H. Landis, mgr. ind. sales; W. R. Adler, product sales mgr.
Anhydrous ammonia refrigerant.

Allied Chemical Corp., Solvay Process Div.
61 Broadway, New York 6, N. Y.
Phone: HAnover 2-7300.
W. H. Brumfield, pres.; C. P. Hackett, v. p.; A. Phillips, v. p.; A. Dodd, adv. mgr.; C. Wade, pub. rel. mgr.; A. Noble, pur. agt.
Chemical and compounds; chemical dehumidifiers; refrigerants.

Allied Metal Hose Co.
3745 Ninth St., Long Island City 1, N. Y.
Phone: ST 4-5173.
Vibration eliminators; flexible metal hose connectors.

Allied Tube Corp.
Hedley & Bath Sts., Philadelphia 37, Pa.
Phone: JE. 3-7373.
B. E. Featherman, v. p.
Steel tubing.

Allin Mfg. Co.
410 N. Hermitage Ave., Chicago 22, Ill.
Phone: TA. 9-2015.
Albert Wittlin, pres.
Chemicals and compounds, couplings, liquid and moisture indicators.
Trade Name: Liquid Eyes.

Allis-Chalmers Mfg. Co.
Milwaukee 1, Wis. Phone: SPring 4-3600.
Branch Factories: Boston; Gadsden, Ala.; Harvey, Ill.; Norwood, Ohio; Pittsburgh; Terre Haute, Ind.; York, Pa.; West Allis, Wis.
R. S. Stevenson, pres.; W. G. Scholl, exec. v. p.; J. L. Singleton, ind. group v. p.; J. S. Morgan, dir. of domestic sales.
Motors: integral to 5 hp and over 5 hp; motor starters: magnetic, manual; pumps: water, vacuum; water treatment service; engines; diesel, gasoline, natural gas.
Trade Names: Ro-Flo; Synduction; Super-Seal; Electrifugal.

Allis Co., The Louis
427 E. Stewart, Milwaukee 1, Wis.
Phone: HUmboldt 1-6000.
Branch Factory: Skokie, Ill.
J. W. Allis, pres.; C. G. Skidmore, v. p.-sales; Wm. McConnell; J. O. Kuechle, v. p.-mfg.; A. Harrington; F. G. Luber; W. Schreiber; W. E. Barta; H. Kelley.
Electric motors, adjustable speed drives, control panels.
Trade Names: Syncro-Spede; Select-A-Spede; Allispede; Flexitorq.

Allmetal Screw Products Co., Inc.
821 Stewart Ave., Garden City, L. I., N. Y.
Phone: PIoneer 1-1200.
Branch Factories: Chicago; Culver City, Calif.
N. Epstein, pres.; I. Epstein, v. p.; P. Fishman, gen. mgr. & pur. agt.; S. Marsh, sales mgr.; D. R. Gumbrecht, adv. mgr.; G. Forman, factory mgr.
Hardware, stainless steel fasteners, bolts, nuts, screws, washers, specials.

Alpha Plastics, Inc.
78 Okner Pkwy., Livingston, N. J.
Phone: WY. 2-6400.
J. P. Kelleher, v. p. & sales mgr.; C. W. Oswald, secy. & gen. mgr.
Rigid plastic pipe, valves, fittings, extruded shapes.
Trade Names: Alpha 101; Alpha 102; Alphatrim.

Alpine Electronics Corp.
6332 San Vicente Blvd., Los Angeles 5, Calif.
Phone: WE. 7-2800.
Oscar Salenger, pres.; J. P. Glenn, v. p.; Joseph Best, secy-treas.
Ozone generators for odor elimination food coolers.

Alton Mfg. Co.
1112 Ross Ave., Dallas, Texas.
Phone: RI. 2-5173.
B. P. Edelman, partner, sales & adv. mgr.; A. W. Thornton, partner, chief engr. & factory mgr.; N. E. St. Clair, asst. sales mgr. & asst. to chief engr.; M. L. Ethridge, factory supt.
Self-contained air conditioners, with evaporative condensers and with air-cooled condensers, 7½ ton through 50 ton; evaporative coolers (air washer type) 4,000 cfm through 15,000 cfm; air washers.

Aluminum Co. of America
1501 Alcoa Bldg., Pittsburgh 19, Pa.
Phone: ATlantic 1-4545.
F. J. Close, v. p. & gen. sales mgr.; R. B. McKee, v. p.-sales; L. P. Favorite, v. p.-product sales; A. P. Hall, v. p.-pub. rel. & adv.; S. J. Simmons, v. p.-industry sales; W. S. McChesney, v. p.-com'l research & planning; G. B. D. Peterson, v. p.-field sales & dist.
Aluminum mill products; activated alumina; technical and engineering assistance.
Trade Names: Alcoa; Utilitube; Lo-Ex.

Aluminum Filter Co.
626 E. Gutierrez, Santa Barbara, Calif.
Phone: WOodland 2-3337.
Robert A. Baker, owner.
Dust and grease air filters, permanent type, all aluminum.
Trade Name: ALFCO.

Aluminum Refrigerator Door Co., Inc.
9929 S. Avenue N, Chicago 17, Ill.
Phone: 374-2244.
S. Buchbinder, pres.; H. M. Buchbinder, v. p.; W. J. Kurowski, chief engr.; Fred Richter, plant mgr.
Aluminum refrigerator doors.
Trade Name: ARDCO.

Alumiseal Corp.
429 E. 53rd St., New York 22, N. Y.
Phone: EL. 5-6989.
J. G. Macormack, pres.; C. T. Hogan, treas.
Alumiseal reflective insulation, vapor barrier materials.
Trade Name: Zero Perm.

Amana Refrigeration, Inc.
Amana, Iowa. Phone: MAin 2-5511.
H. Hall, bd. ch. & pres.; G. C. Foerstner, exec. v. p.; W. A. Wendler, v. p. & sales dir.; S. J. Seibert, dir. air conditioner sales; R. I. Pearce, sales mgr.; M. E. Morris, adv. mgr.; A. Schmeider, pur. agt.; K. Bridgeford, factory mgr.; W. A. Giddings, chief engr.; C. E. Nichols, service mgr.; F. B. Douglas, export mgr.
Residential and room air conditioners; freezers; combination refrigerator-freezers; dehumidifiers.
Trade Name: Deepfreeze.

Amble Mfg. Co., Inc.
36-07 164th St., Flushing, N. Y.
Phone: LE. 9-6666.
C. H. Amble, pres.
Air conditioning lifts and hoists.
Trade Name: Alumalift.

Amchem Products, Inc.
Ambler, Pa. Phone: MItchell 6-1700.
Branch Factories: St. Joseph, Mo.; Niles, Calif.; Detroit; Windsor, Ont., Can.
L. Cherksey, bd. ch.; G. C. Romig, pres.; F. P. Spruance, Jr., v. p.-sales mgr.; W. G. Smith, v. p. & factory mgr.; J. O. J. Shellenberger, dir. of mktg.; J. D. Breen, adv. mgr.; E. A. Snyder, pur. agt.; G. A. Russell, chief engr.
Metalworking chemicals; paint bonding; corrosion inhibitors.
Trade Names: Alodine; Granodine; Lithoform.

Amcoin Corp.
5-17 46th Rd., Long Island City, N. Y.
Phone: EXeter 2-1700.
Branch Factory: Pine Meadow, Conn.
A. B. Segal, bd. ch.; E. B. Allison, pres.; J. K. Sedam, v. p.-engrg.; J. Schiliro, v. p.; D. Mann, pur. agt.
Coffee urns, soft drink dispensing equipment.
Trade Names: Touch-A-Matic; Silhouette; Cascade; Astro-Seven; Alaskan; Amco 30.

Ameri Kern Mfg. Corp.
P.O. Box 4202, Watts Dr. & Hwy. 99.
Bakersfield, Calif. Phone: FA. 5-8746.
R. B. Lumis, pres.; D. J. Lumis, v. p.-sales; Birch Horton, v. p.-engrg.; John Holz.
Pre-cooler for air-cooled condensers.
Trade Name: Bradley.

American Air Curtain, Div. of Universal Match Corp.
472 Paul Ave., St. Louis, Mo. Phone: JA. 2-1620.
Branch Factory: New York City.
J. L. Wilson, pres.; W. J. Berkley, v. p. & sales mgr.; Ernest Gygax, v. p. & chief engr.
Air curtains for doors, etc.

American Air Filter Co., Inc.
215 Central Ave., Louisville 8, Ky.
Phone: MElrose 7-3611.
Branch Factories: Moline, Rock Island, Morrison, Ill.; St. Louis; Louisville, Ky.; Montreal, Que., Can.
W. G. Frank, pres.; B. R. Shaver, v. p.; H. M. Fitch, v. p.; A. Nutting, v. p.; S. M. Kennard, III, v. p.; J. M. Kane, mgr. Clean-Air Group; W. H. Rodgers, mgr. Temper-Air Group; C. S. Stock, mgr. central mktg.; A. B. Ullrich, mgr. Engineered Air Systems; F. K. Platt, mgr. School Air Systems; R. W. Smith, adv. mgr.; J. W. Frazier, mgr. field sales adm.
Air filtration, dust control, air conditioning, heating, and ventilating.
Trade Names: AAF; Herman Nelson; Kennard/Nelson; Illinois.

American Astro-Systems, Inc.
2112 Chico Ave., S. El Monte, Calif.
Phone: CU. 3-7151.
George Otis, bd. ch. & chief exec. officer; A. F. Thompson, pres.; D. B. Scheideman, v. p.-mktg.; J. R. Clifton, v. p.-engrg.; W. Adler, v. p.-mfg.; T. F. Harrigan, treas.
Air conditioners, electronic systems and sub systems; transportation trailers, work stands; mobile and portable refrigeration and heating; ground handling positioning trailers; miscellaneous ground support equipment.

American Automatic Ice Machine Co., Div. of McQuay, Inc.
1600 Broadway N.E., Minneapolis 13, Minn.
Phone: 789-6462.
J. R. Resch, pres.; Dean Seitz, v. p.-mktg.; M. E. Bailey, v. p.-sales; R. F. Peterson, order admin.; G. M. Cook, adv. & sales prom. mgr.
Automatic ice makers.
Trade Name: Crystal Tips*.

American Biltrite Rubber Co., Boston Woven Hose & Rubber Div.
P.O. Box 1071, Boston 3, Mass.
Phone: TRowbridge 6-6000.
J. N. Mason, pres.; R. H. Jackson, v. p. chg. of sales; J. M. Schlakman, adv. dir.; R. E. Drady, pur. agt.
Belts, flat and V; hose, flexible.
Trade Names: Bull Dog; Boston; BostRon.

American Bitumuls & Asphalt Co.
320 Market St., San Francisco, Calif.
Phone: GA. 1-6653.
C. W. Turner, pres.; L. P. Street and G. L. Ritter, sales mgrs.; K. N. Cundall, adv. mgr.
Adhesives.
Trade Names: Laykold; Laykold Weathercoat; Laykold Insulation Adhesive.

American Brake Shoe Co.
530 Fifth Ave., New York 36, N. Y.
Phone: OXford 7-7000.
W. B. Given, Jr., bd. ch.; K. Dunn, pres.; J. S. Hutchins, exec. v. p.; N. G. Belury, v. p.; C. Brush, v. p.; S. Conway, v. p.; W. S. Fraula, v. p.; W. T. Kelly, Jr., v. p.; R. Schaefer, v. p.; G. Ward, v. p.; J. P. Carroll, adv. mgr.; E. Bogedal, pub. rel. mgr.; F. Newbert, pur. agt.; H. Osborne, export mgr.
Castings, forgings, hydraulic presses.
Trade Names: ABK Material; ABSCO Metal; AMSCO; Thermalloy; Multipress.

American Brazing Alloys Corp.
P.O. Box 11, Pelham, N. Y. Phone: MO. 4-5858.
M. Ross, sales mgr.
Brazing alloys, silver solder, welding rod.
Trade Names: Ambraze Alloys; Phos-Sil Alloys.

American Coolair Corp.
P.O. Box 2300, Jacksonville 3, Fla.
Phone: EV. 9-3646.
J. E. Graves, pres.; H. M. Graves, exec. v. p.; W. W. Allen, Jr., v. p.-engrg. & prod.; N. A. Patton, sales mgr.; Kurt Sprengling, chief engr.
Exhaust fans; power roof exhausters; wall and ceiling shutters.

American Electronics, Inc., Ground Support Div.
(See American Astro-Systems, Inc.)

American Engineering Co.
High Point Industrial Park, Sedalia, Mo.
Phone: TA. 6-4882.
R. W. Patterson, pres.; J. L. Richter, prod. mgr.; S. W. Patterson, office mgr.
Sound attenuators.
Trade Name: Streamline.

American Furnace Co.
1300 Hampton Ave., St. Louis 10, Mo.
Phone: MIssion 7-1300.
Branch Factory: Red Bud, Ill.
C. S. Franke, bd. ch.; C. H. Franke, pres.; R. L. Archibald, v. p.; R. A. Cromwell, v. p.; L. J. Koch, v. p.-nat'l sales; H. J. Timmerman, v. p. & pur. agt.; R. A. Etavard, secy.-treas.; D. W. Schaberg, adv. mgr.; R. A. Callan, chief engr.-air cond.; E. W. Gettinger, chief engr.-htg.; D. M. Dassler, plant supt.; E. Koch, factory mgr.; W. H. Bandy, export mgr.
Air conditioning units; heating units; combination heating and cooling.
Trade Names: Comfortmaker*; AFCO*.

American Instrument Co., Inc.
8030 Georgia Ave., Silver Spring, Md.
Phone: JU. 9-1727.
L. Freeman, pres.; G. Roberts, exec. v. p.; Carl Ohlheiser, exec. v. p., Hygrometer Div.; Harry Huck, sales mgr.; Richard Haughton, adv. & pub. rel. mgr.; Thomas Good, pur. agt.; James Klaasse, chief engr.
Scientific instruments.
Trade Names: Aminco; Humistat; Hydrotector; Hygro-Champ.

American Machine & Foundry Co., Lowerator Div.
261 Madison Ave., New York 16, N. Y.
Phone: MUrray Hill 7-3100.
Branch Factory: Brooklyn, N. Y.
J. J. Cranmore, div. v. p.; A. S. Reiss, sales mgr.; John Eichorn, adv. mgr.; E. R. McCarten, prod. mgr.
Refrigerated milk dispensers (self-leveling); materials handling equipment (self-leveling).
Trade Name: AMF Lowerator.

American Machine Products, Inc.
34-36 56th St., Woodside, N. Y.
Phone: OL. 1-2322.
M. Huppert, pres.; S. Huppert, secy.; R. Huppert, treas.
Pumps, valves, and filters.
Trade Name: Ampro.

American Moistening Co.
Cleveland, N. C. Phone: BRoadway 8-2221.
Marvin McCall, v. p. & gen. mgr.; Mitchell Fain, plant mgr.
Industrial humidification devices; ductwork.
Trade Name: AMCO.

American Potash & Chemical Corp.
3000 W. Sixth St., Los Angeles 54, Calif.
Phone: DUnkirk 2-8231.
Factories: Trona, Calif.; Henderson, Nev.; W. Chicago; Aberdeen, Miss.
Peter Colefax, pres.; W. J. F. Francis, v. p.-mktg.; G. A. Schnier, sales mgr.-refrigerants; W. E. Horn, asst. sales mgr.-refrigerants; D. A. Lundy, adv. mgr.; L. H. Cornelius, pur. agt.; Fred Torn, chief engr.; H. A. Mazza, factory mgr.; W. Niven, export mgr.
Chemicals and compounds; refrigerants.
Trade Names: Charg-A-Can; Trona.

American "Pres-Stix" Tape Co.
4058 Beaufait, Detroit 7, Mich.
Phone: WA. 3-7540.
Branch Factories: Port Huron, Mich.; Long Beach, Calif.
C. Kurzweil, pres.; M. D. Petrie, v. p.-sales; W. M. Bullock, gen. sales mgr.; W. C. Nutt, asst. treas.
Pressure sensitive tapes for industry.

American Products Corp.
525 S. Dearborn St., Chicago 5, Ill.
Phone: HArrison 7-2530.
L. L. McDonald, pres.; P. J. Peters, v. p.-sales; J. L. Wade, adv. mgr.-pur. agt.; B. A. Jackson, research & production.
Welding and brazing fluxes; silver solder; flux remover; water treating chemicals; corrosion inhibitors; coil cleaning compounds.
Trade Names: Xcel-Flux; APCO Silver Solder.

American Research Corp.
Route 6, Farmington, Conn.
Phone: ORchard 7-2693.
Jack Shamroth, pres.; T. F. Augustyn, v. p.
Environmental test equipment.

American Sand-Banum Co., Inc.
1 N. Merrick Ave., Merrick, N. Y.
Phone: FReeport 8-3390.
M. S. Bradie, pres.; F. Fullgrabe, v. p.
Water treatment chemicals; algaecide, scale, and corrosion inhibitors.
Trade Names: Air-Con Emulsion; Sand-Banum Briquettes; Blue Seal Emulsion; Sand-Banum Standard.

American Solder & Flux Co.
19th & Willard Sts., Philadelphia 40, Pa.
Phone: BAldwin 6-1800.
F. D. McBride, pres.; J. J. McBride, sales & adv. mgr.; M. H. Matz, pur. agt.
Soldering, brazing, and welding fluxes; protective coatings; pipe joint compound.
Trade Names: Amco*; Tinol*; Drygalv*; Force*.

American-Standard, Air Conditioning Div.
40 West 40th St. New York 18, N. Y.
Phone: OX 5-5600.
Branch Factory: Elyria, Ohio.
C. H. Wilkinson, pres.; W. G. Senft, v. p.-mfg.; R. J. Berkshire, v. p.-mktg.; R. D. Kishbauch, sales mgr.; W. P. Sheehan, adv. & sales prom. mgr.; F. W. Smith, pur. agt.; R. Wilson, mgr.-prod. & devel.
Warm air and gravity furnaces, residential and commercial packaged air conditioners, residential and light commercial heat pump systems.

American-Standard Controls Div.
5900 Trumbull Ave., Detroit 8, Mich.
Phone: TRinity 2-0300.
F. J. Kreissl, pres.; J. R. Warnock, v. p.-mktg.; A. L. Fuller, sales mgr.; Willis Stafford, sales prom. & adv. mgr.; James Moncur, pur. agt.
Controls; driers; valves; miniature switches; sight glasses.
Trade Names: Selectaflow; TyniSwitch.

American-Standard Industrial Div.
8111 Tireman Ave., Detroit 32, Mich.
Phone: WE. 3-9665.
Branch Factories: Buffalo; Columbus, Ohio; Kewanee, Ill.; San Leandro, Calif.
A. O'B. Andrews, pres.; E. F. Peslar, v. p.-mfg.; R. L. Bernhard, v. p.-engrg.; J. F. Tobin, v. p.-mktg.; T. Tinker, v. p.-tech. dev.; J. W. Hosler, gen. sales mgr.; C. H. Harper, dir-indus. rel.
Air conditioning equipment—central station and packaged air conditioners, air washers, coils, water chillers, air handling equipment—centrifugal, propeller and axial fans, power roof ventilators, utility sets, specialized fans and blowers; heating equipment—fire box, scotch-type and packaged boilers, steam, hot water and gas fired unit heaters, cabinet heating and ventilating units; process equipment—dust collectors, heat exchangers, centrifugal compressors, gyrol fluid drives.
Trade Names: Kewanee; Tonrac; Sirocco; Ventura; Venturafin; Gyrol; Versare; Tabasco; Square Heat.

American-Standard, Plumbing & Heating Div.
40 West 40th St., New York 18, N. Y.
Phone: OX. 5-5600.
Branch Factories: Bayonne, N. J.; Buffalo; Pittsburgh.
J. J. Decker, pres.; H. I. Detro, v. p.-mfg.; D. J. Quinn, v. p.-sales & mktg.; F. J. McGrath,

gen. sales mgr.; R. W. Williams, gen. mktg. mgr.; R. W. Prinslow, adv. & sales prom. mgr.
Hydronic heating and cooling equipment.
Trade Names: Remotaire; Arcoleader; Radiantrim; Heatrim; Multifin; Arco; Sunrad; Arcoliner; Arcoflame; G-2; G-40; G-60; A-5; A-7.

American Tube & Controls, Inc.
100 Pulaski St., West Warwick, R. I.
Phone: VAlley 8-0100.
C. H. Kirk, Jr., pres.; J. Belham, v. p.-sales; R. T. Schoerner, v. p.-engrg.; K. L. Kirk, v. p.-mfg.; R. Turner, v. p.-production, finned tube div.; L. N. Madeira, treas.; A. N. D'Amico, pur. agt.
Hydro-pneumatic and heat transfer products for the plumbing and heating industry.
Trade Names: Ex-Trol*; Hammertrol; Fill-Trol; Purger-Trol.

Ames Iron Works, Inc.
Oswego, N. Y. Phone: FI. 3-2920.
J. E. Murray, v. p. & gen. mgr.; D. F. Lytle, gen. sales mgr.; R. F. Shickling, asst. secy. & asst. treas.
Boilers, steam and hot water.
Trade Name: Amesteam.

Aminco Refrigeration Products Co.
(See AC&R Components, Inc.)

Ammerman Co., Inc.
P.O. Box 182, Stillwater, Minn. Phone: 439-6295.
C. L. Ammerman, pres.; R. E. Hadrath, v. p.; E. A. Ammerman, treas.; T. L. Ammerman, secy.
Ventilators, powered and gravity; access doors; garage exhaust eliminating systems.
Trade Names: AirXpeler*; AirMpeler*.

Amos Molded Plastics, Div. of Amos-Thompson Corp.
Edinburg, Ind. Phone: 640.
Dale Amos, pres.; Harry Pratt, gen. mgr.; Frank Dell, sales mgr.; Robert Fox, works mgr.
Molded and highly decorated plastic parts; large Sintered parts.

Amprobe Instrument Corp.
(See Pyramid Instrument Corp.)

Anaconda Aluminum Co.
P.O. Box 1654, Louisville 1, Ky.
Phone: MElrose 4-1511.
Branch Factory: Terre Haute, Ind.
A. P. Cochran, pres.; T. D. Gebhart, exec. v. p.-fabrication; M. Lewis, exec. v. p.-reduction; C. W. Huflage, v. p.-mktg.; G. R. Smith, mktg. mgr.-sheet products.
Aluminum sheet, flat and coiled; fin stock.

Anaconda American Brass Co.
414 Meadow St., Waterbury, Conn.
Phone: PL. 4-1122.
Branch Factories: Ansonia, Torrington, Conn.; Buffalo; Detroit; Los Angeles; Kenosha, Wis.
R. M. Stewart, pres.; W. M. Moffatt, exec. v. p.; A. W. Rockwell, v. p.-sales; E. B. Tracy, gen. sales mgr.; E. A. Lane, gen. pur. agt.
Copper and copper alloys in sheet, wire, rod, tube, and special shapes.

Anaconda Metal Hose Div. of Anaconda American Brass Co. Subsidiary of the Anaconda Co.
P.O. Box 791, 698 S. Main St., Waterbury 20, Conn.
Phone: PL. 4-1121.
Branch Factory: Mattoon, Ill.
C. E. Webbe, works mgr.; W. B. Hammond, sales mgr.; W. S. Edwards, pur. agt.
Flexible metal hose and tubing; conduit; vibration eliminators.
Trade Names: Sealtite*; Flexpipe*.

Anchor Packing Co., The
401 N. Broad St., Philadelphia 8, Pa.
Phone: WAlnut 2-1343.
Branch Factories: Manheim, Pa.; Elkhart, Ind.
M. C. Adams, pres.; J. H. Maston, secy.-treas.
Mechanical packings.
Trade Names: Ankorite; Anklon; Tauril; Target; Carbonite.

Anchor Plastics Co., Inc.
36-36 36th St., Long Island City, N. Y.
Phone: RA. 9-1494.
R. A. Fisch, pres.; J. B. Shapiro, v. p.-sales; R. Marx, adv. mgr.; Leo Gans, asst. gen. mgr.
Plastic breaker strips; plastic parts; extruded moldings; decorative trim.
Trade Names: Aeroflex*; Ancorene*; Plasti-Brass*.

Anderson Chemical Co., Inc.
P.O. Box 1424, Macon, Ga. Phone: SH. 5-0466.
Branch Factories: Memphis; Dallas.
J. W. Anderson, pres.; W. R. Benton, v. p.; T. B. Parker, secy.-treas.
Water treatment chemicals and service.
Trade Names: ANCO*; Coolex; SR-2; Braxon; Flako; Ox-Gem; Alkasteem; Anchrome; Rustex; Sweetex; Kleen-Tex; Kleerflo.

Anderson Co., The V. D., Div. of International Basic Economy Corp.
1935 W. 96th St., Cleveland 2, Ohio.
Phone: OLympic 1-1900.
C. W. Zies, pres.; B. D. Coffey, secy.; Wm. J. Gleason, Jr., mgr. steam specialties dept.; M. J. Toth, sales mgr., purifier div.
Oil separators; strainers, oil and line; traps, steam and air; air release valves.
Trade Names: Hi-eF; Super Silvertop; Silvertop.

Anemostat Corp. of America
10 E. 39th St., New York 16, N. Y.
Phone: LExington 2-1400.
Branch Factory: Scranton, Pa.
C. T. Roff, pres.; F. A. Waechter, v. p.-finance; R. Young, treas.; E. J. Mooney, secy.; W. F. Peters, gen. sales mgr.; W. A. Kurnik, export mgr.
Diffusers, registers, grilles, air meters.
Trade Name: Anemotherm.

Ansul Chemical Co.
1 Stanton St., Marinette, Wis.
Phone: REdwood 5-7411.
A. J. Whitford, bd. ch.; R. C. Hood, pres.; R. W. Reinicke, v. p.-oper.; L. C. McKesson, v. p.-sales; J. H. Jarrett, sales mgr.-ref. prods.; G. B. Vermilye, mgr. field dist.; J. A. Bowman, adv. mgr.; L. J. Erdman, credit mgr.; L. A. O'Leary, pur. agt.; L. T. Plouff, export mgr.
Fire equipment; refrigeration products; industrial chemicals.
Trade Names: Andrite; T-Flo; Super Dry-Eye; Dry-Eye; Line-Flo; System Boss.

Anthony Co., W. S.
109 Broad St., New York 4, N. Y.
Phone: BO. 9-4843.
Charles Hellriegel, owner.
pipe joint compound.
Trade Name: Osotite.

APCO, Inc.
(See Continental APCO, Inc.)

Aquatrol Laboratories, Inc.
Clifton, N. J. Phone: GR. 3-0880.
Louis Hament, pres. & sales mgr.
Boiler and cooling water treatment service.

Arctic Traveler
P. O. Box 989, Montgomery 2, Ala.
Phone: 263-5573.
B. de' Turenne, v. p. & gen. mgr.; L. H. Waller, Jr., v. p.; R. E. Read, sales mgr.
Truck and trailer refrigeration equipment.

Arkla Air Conditioning Co., Div. of Arkla Industries, Inc.
P.O. Box 534, Evansville 3, Ind.
Phone: HArrison 4-3331.
Subsidiary of: Arkansas Louisiana Gas Co.
Sales Office: 812 Main St., Little Rock, Ark.
W. R. Stephens, bd. ch. & pres.; D. W. Weir,

exec. v. p.; Dr. P. Anderson, v. p.-res. & devel. engrg.; D. E. Heath, v. p. & factory mgr.; W. G. Wepfer, v. p. & sales mgr.; R. K. Butcher, adv. mgr.; R. Sheets, pur. agt.; J. Hochmeister, service mgr.
All-year gas air conditioning; water chillers; gas lights; gas signs; unit heaters.
Trade Names: Sun Valley; Gaslite; Humphrey.

Arkion Products Co.
P.O. Box 3501, Cleveland 18, Ohio.
Phone: AT. 1-1526.
Philip Borkat, secy.-treas.
Furnace humidifiers.
Trade Name: Bon-Air.

Arkos Mfg. Co.
7310 Woodward Ave., Detroit 2, Mich.
Phone: TR. 3-2500.
Branch Factory: Milwaukee.
A. A. Kosarin, pres.; B. A. Kosarin, v. p.; E. K. Gottlieb, secy.-treas.
Industrial direct fired gas-oil heaters, boilers, and make-up air line-burner heaters.

Armco Div., Armco Steel Corp.
703 Curtis St., Middletown, Ohio.
Phone: GArden 2-2711.
L. T. Johnston, pres.; C. G. Davies, v. p.; W. C. Higdon, v. p.; R. F. Kuhnlein, v. p.; W. S. Newell, v. p.; T. F. Olt, v. p.; W. B. Quail, v. p.; D. E. Reichelderfer, v. p.; L. H. Juengling, v. p.; R. S. Gruver, v. p.; E. A. Correa, v. p. & secy.; F. D. Danford, treas.; R. K. Leedom, adv. mgr.; J. S. Thomas, pur. agt.; A. R. Edwards, export mgr.
Stainless steels; zinc and aluminum coated steels.
Trade Names: Zincgrip; Zincgrip Paintgrip; Aluminized Steel.

Armour Agricultural Chemical Co.
Industrial Nitrogen Div.
P.O. Box 1685, Atlanta 1, Ga.
Phone: JA. 2-2641.
Branch Factories: Brockton, Mass.; Lodi, N. J.; East Liverpool, Sandusky, Ohio; Chicago; Lexington, Ky.; Osceola, Iowa; S. St. Paul, Minn.; Kansas City, Mo.; Columbus, Ga.; Dallas; Los Angeles, Oakland, Calif.
R. S. Passmore, mgr., Industrial Nitrogen Div.; R. N. Dawson, asst. mgr.; C. J. Fuller, eastern regional mgr.; P. W. Fulford, central regional mgr.; H. B. Kinter, southern regional mgr.; W. B. Nicholson, western regional mgr.
Anhydrous ammonia (premium refrigeration grade); cylinders and bulk tank truck and car quantities.

Armour Alliance Industries
16123 Armour St., N.E., Alliance, Ohio.
Phone: TAlbot 1-3510.
F. M. Rosenblum, r&d, adhesives mgr.; C. B. Johnson, gen. mgr.; H. W. Schnabel, mgr. product devel., coated abrasives; H. M. Wilson, pur. agt.; R. N. Christensen, plant supt.
Adhesives, coated abrasives, and cushioning products.
Trade Names: No-Load; Rubwet; Hairflex; Timbond.

Armstrong Co., Richard M.
Box 566, West Chester, Pa. Phone: OWen 6-1041.
R. M. Armstrong, pres.
Liquid coolers; condensers; receivers.

Armstrong Contracting & Supply Corp.
120 N. Lime St., Lancaster, Pa.
Phone: EX. 7-3631.
J. W. Liddell, pres.; E. D. Ainslie, Jr., v. p.; F. D. Rupprecht, v. p.; A. J. Stream, v. p.; J. S. Taylor, v. p.; A. P. Tingle, v. p.; E. W. Hines, Jr., secy.-treas.; W. B. King, mgr., pur. dept.
High and low temperature insulation, contracting and product sales.
Trade Names: Armaglas; Armatemp; Armaflex; Armalite; Masterfreeze; Armafil.

Armstrong Cork Co.
W. Liberty St., Lancaster, Pa.
Phone: EXpress 7-0611.
Branch Factories: South Braintree, Mass.; Pittsburgh and Beaver Falls, Pa.
C. J. Backstrand, pres.; K. O. Bates, exec. v. p.; H. R. Peck, v. p. & gen. mgr. bldg. materials operations; I. W. Keller, v. p. & gen. mgr.-intl. operations; A. E. Pearce, gen. sales mgr.-Insulation Div.; M. Banzhaf, dir. adv., prom. & pub. rel.; C. Moodie, adv. mgr.; A. H. Forster, pub. rel. mgr.; M. L. Lampe, pur. agt.; G. A. Reinhard, Jr., chief engr.
Resilient gaskets, low temp. insulation including rigid foamed plastic, flexible foamed plastic, and glass fiber batts and blankets; sealing compounds.
Trade Names: Armalite; Armaflex; L. T. Cork Covering.

Armstrong Furnace Co., Div. of
National Union Electric Corp.
851 W. Third Ave., Columbus 12, Ohio.
Phone: AX. 1-3181.
W. J. Olsen, v. p. & gen. mgr.; R. J. Guda, asst. gen. mgr.; E. M. Clifford, mktg. mgr.; H. G Hays, chief engr.
Commercial and residential furnaces and air conditioners.

Armstrong Machine Works
919 Maple St., Three Rivers, Mich.
Phone: CR. 3-1415.
A. E. Armstrong, pres. & gen. mgr.; L. F. Armstrong, v. p.; H. Lambertson, asst. gen. mgr.; T. H. Rea, gen. sales & adv. dir.; T. M. Reed, sales mgr.; P. D. Wheeler, asst. sales mgr.; C. M. Jacobs, pur. agt.; B. Sisson, chief engr.; C. Kaiser, factory supt.
Steam and air traps; humidifiers; liquid drainers from gas line; wye type strainers; purgers.

Arno Adhesive Tapes, Inc.
U. S. 20 at Ohio St., Michigan City, Ind.
Phone: TR. 4-3235.
Dr. Wm. M. Scholl, pres.; E. D. Boltz, v. p. & gen. mgr.; D. W. Burke, gen. sales mgr.
Pressure sensitive adhesive tapes.
Trade Name: Ductape*.

Arrow-Hart & Hegeman Electric Co.
103 Hawthorn St., Hartford 6, Conn.
Phone: CHapel 9-8471.
Electric supplies; motor starters; switches, relays.

Arrow Tank Co., Inc.
16 Barnett St., Buffalo, N. Y.
Phone: TX. 3-7200.
A. P. Pfeil, pres. & gen. mgr.; Frank Schortje, plant supt.; James Judd, supt.-lumber div.
Manufacture wood cooling towers and wood tanks.

Artisan Industries, Inc.
63 Pond St., Waltham 54, Mass.
Phone: TWinbrook 3-6800.
James Donovan, pres. & gen. mgr.
Steam jet vacuum refrigeration units, ethylene glycol recovery units.

Associated Research, Inc.
3789 W. Belmont Ave., Chicago 18, Ill.
Phone: CO. 7-4040.
R. W. Inman, pres.; H. N. Miller, v. p.-engrg.; J. W. Bente, pur. agt.
Insulation resistance testers, high potential breakdown testers, ohmmeters, megohmmeters.
Trade Names: Hypot*; Vibrotest*.

Aston Products, Inc.
22804 Dequindre, Warren, Mich.
Phone: SL. 7-8476.
W. O. Smith, pres. & sales engr.; Jasper Malkoun, v. p.; Wm. A. Dunneback, secy.
Gas burners—atmospheric and power.

Astro Products Corp.
1601 W. Edgar Rd., Linden, N. J.
Phone: WA. 5-3869.
M. Bernstein, pres.; A. E. Manning, v. p.-natl. operations & service; Henry Karger, dir. engrg.;

Thomas Cully, works mgr.
Complete air conditioning and refrigerating systems; components for air conditioning and refrigerating systems, finned coils, air handling units, air-cooled condensers, condensing units, sheet metal stampings, "P" and "U" traps.

Atkomatic Valve Co., Inc.
545 W. Abbott St., Indianapolis 25, Ind.
Phone: ME. 8-6545.
M. W. Lowe, pres. & gen. mgr.; R. A. Morris, treas.; R. B. Spear, chief engr.; F. G. Thornell, production mgr.
Solenoid valves.
Trade Names: Shorty; Tiny; Dymo.

Atland Mfg. Co., Inc.
1312 E. 21st St., Minneapolis 4, Minn.
Phone: FE. 2-6311.
M. Filister, pres.
Walk-in coolers, freezers, and floral display boxes.

Atlantic Chemical & Equipment Co.
874 Ashby St., N. W., Atlanta 18, Ga.
Phone: TR. 5-7961.
R. W. Clerk, pres.; M. W. Fletcher, v. p.; W. F. Parker, sales mgr.
Water treatment chemicals.
Trade Name: Ace*.

Atlantic Metal Hose Co., Inc.
308 Dyckman St., New York 34, N. Y.
Phone: LO. 9-5400.
A. Rubin, bd. ch.; H. E. Rubin, pres.; D. M. Fuchs, exec. v. p. & pur. agt.; E. W. Driedger, v. p.-sales; J. T. Helfgott, chief engr.; L. Rosenberg, factory mgr.
Flexible hose, vibration eliminators, vibration absorbers, pump connectors, flexible ducting.
Trade Names: Vibraducer; Vibraflexor; Vitaflex.

Atlas Connectors Co., Inc.
43 River Rd., No. Arlington, N. J.
Phone: WY. 8-8085; BA. 7-0680.
Branch Factory: New York City.
M. N. Glickman, pres. & treas.; V. M. Dinapoli, v. p.
Connectors.

Atlas Engineering Corp.
26 Custer St., West Hartford, Conn.
Phone: CHapel 6-5651.
R. C. Biggers, pres. & factory mgr.; A. Schwartz, v. p. & chief engr.; C. Schectman, secy.-treas. & service mgr.
Low temperature test cabinets, chillers, environmental test equipment.

Atlas Valve Co.
280 South St., Newark 5, N. J.
Phone: MI. 2-2464.
V. F. Davis, pres.; F. H. Davis, Jr., v. p.; R. B. Davis, sales mgr.; H. T. Wentworth, chief engr.
Automatic pressure regulating valves.

Atoz Sales Co.
P.O. Box 28052, Dallas 28, Texas.
Phone: TA. 4-1018.
G. L. "Gabe" Colosia, Jr., owner.
Algaecide, coil cleaning compounds, corrosion inhibitors, degreasing solvents, water treatment chemicals.
Trade Names: GC-39; Nocor-800*; Orgene.

Auburn Mfg. Co., The
Pease Ave. & Stack St., Middletown, Conn.
Phone: DI. 6-6631.
R. Mittelman, pres.; M. B. Weiner, v. p.; J. Urgo v. p.
Gaskets; packings; washers.
Trade Names: Algco; Aubeston; Q-Beston; Plasti-Flex.

Auer Register Co., The
6600 Clement Ave., Cleveland 5, Ohio.
Phone: VU. 3-7950.
G. R. Metzger, pres.; H. F. Curtis, v. p.-sales; Geo. Metzger, Jr., secy.; Miss M. Spann, treas.
Registers, grilles, diffusers—heating and air conditioning.
Trade Names: Durabilt; Aero Flex; Streamliners; Perfusaire; Valuaire; Heatrite.

Aurora Pump Div., The New York Air Brake Co.
102 Loucks St., Aurora, Ill.
Phone: TWinoaks 2-4381.
J. M. Bals, gen. mgr.; R. D. Elder, sales mgr.; M. A. Prigmore, controller; O. Weaver, pur. agt.; R. K. Annis, mgr. of engrg.; R. Taggert, mgr. of mfg.; E. A. Abel, export mgr.
Centrifugal and turbine type pumps.
Trade Name: APCO.

Austin Mfg. Corp.
1201 W. 24th St., Austin 5, Texas.
Phone: GR. 6-1003.
D. G. Benjamin, pres.; P. M. Nordyke, treas.
Water level valves; non-corrosive spray nozzles, regular line and/or custom molded for special purpose.

Auto-Flo Corp.
12085 Dixie St., Detroit 39, Mich.
Phone: KE. 8-2400.
Branch Factory: Windsor, Ont., Can.
M. Perlman, pres.; J. Perlman, v. p.; D. Perlman, secy.-treas.; J. Christian, sales.
Power and plate type humidifiers; air filters; oil filters; evaporative material.
Trade Name: Fairway.

Automatic Devices Div. of American Machine & Metals, Inc.
Sellersville, Pa. Phone: ALpine 7-6531.
H. T. Kucera, gen. mgr.; F. A. Hebenstreit, sales mgr.
Heating and air conditioning controls; sequence switch.
Trade Names: Weather-Man*; Weather-Flo*; Weather-Chron*.

Automatic Machine Products Co.
Wall St., Attleboro, Mass. Phone: CAstle 1-2300.
R. R. Hall, pres.; W. T. Galligan, sales mgr.; Richard Cronan, pur. agt.; John Holden, Jr., treas.
Compressor and receiver service valves.
Trade Name: Primore.

Automatic Switch Co.
Hanover Rd., Florham Park, N. J.
Phone: FRontier 7-4600.
Factory Branches: Chicago; Los Angeles.
W. F. Hurlburt, Jr., pres.; D. M. Darrin, sr. v. p. & treas.; Mrs. V. Darrin, v. p.; R. F. McCormick, v. P.-valve sales; F. P. Spinelli, v. p.-switch dept.; R. C. May, adv. mgr.; H. Hyland, pur. agt.; A. W. Churchill, chief engr.; M. J. Zaleske, factory mgr.; D. S. Wilson, service mgr.
Controls; solenoid valves; electromagnetic controls, relays.
Trade Name: ASCO*.

Automation Products, Inc.
3030 Max Roy St., Houston 24, Texas.
Phone: UN. 9-1485.
Q. M. Baker, pres.; W. B. Banks, v. p. & chief engr.
Level, interface level, percent concentration, liquid and gas density and specific gravity, viscosity measurement and controls.
Trade Name: Dynatrol.

Avon Tube Div., Higbie Mfg. Co.
Rochester, Mich.
Phone: Detroit: WOodward 5-1930.
Branch Factory: Archbold, Ohio.
C. M. Higbie, Jr., pres.; E. P. Robinson, v. p., sales & adv. mgr.; V. J. McAvoy, v. p. & gen. plant mgr.; N. Elliott, treas.; R. W. Robertson, pur. agt.; P. Crawford, chief engr.
Steel tubing—welded and brazed; formed serpentines and bent shapes.
Trade Names: Fusionweld; Fusionbrazed; Brazeweld.

B

B-I-F Industries, Inc., Div. of New York Air Brake Co.
345 Harris Ave., Providence, R. I.
Phone: GA. 1-4302.
E. H. Bradley, gen. mgr.; G. W. Kelsey, Sr., v. p.; W. L. Sammons, v. p. & gen. sales mgr.; I. O. Minor, engrg. mgr.; R. W. Pearce, works mgr.; E. C. Ross, adv. mgr.; J. M. D. Suesman, pur. agt.
Meters, feeders, valves, controls.

Babcock & Wilcox Co., Tubular Products Div.
Beaver Falls, Pa. Phone: TIlden 6-0100.
Branch Factories: Milwaukee; Alliance, Ohio.
W. J. Thomas, v. p.; J. S. Anderson, v. p.; L. B. Wohlgemuth, gen. sales mgr.; M. A. Hammond, welding fitting sales mgr.; W. H. Buley, stainless sales mgr.; J. A. Menster, welded tube sales mgr.; C. W. Spahr, pur. agt.; A. B. Capron, chief engr.
Steel tubing, pipe, extrusions, welding fittings, forged steel flanges, rolled rings.
Trade Names: Croloy; Nicloy; Lectrosonic.

Bacharach Industrial Instrument Co.
200 N. Braddock Ave., Pittsburgh 8, Pa.
Phone: CH. 2-5400.
L. L. Vayda, pres.; R. L. Ulrich, v. p. & sales mgr.; J. A. Rudzik, pur. agt.; J. A. Stein, chief engr.
Thermometers, gauges, and instruments.
Trade Names: Monoxor*; Tempscribe*; Florite*; Draftrite*; Tempoint*; Floret*; Fyrite*.

Bahnson Co., The
1001 S. Marshall St., Winston-Salem, N. C.
Phone: PArk 4-1581.
A. H. Bahnson, Jr., pres.; M. G. Saunders, gen. mgr.; W. H. Cooper, mgr. a.c. engrg.; L. H. Allcorn, mgr. service; J. C. Rose, adv. mgr.; R. E. Shore, pur. agt.; W. M. Fulp, export mgr.
Industrial air conditioning systems and accessories, industrial and commercial humidifying equipment and controls.
Trade Name: Humiduct.

Bailey Meter Co.
1050 Ivanhoe Rd., Cleveland 10, Ohio.
Phone: GL. 1-4600.
P. S. Dickey, pres.; H. H. Gorrie, v. p.; L. F. Richardson, v. p.; J. H. Dennis, v. p.; C. H. Barnard, sales mgr.; E. B. Bossart, adv. mgr.; H. V. Fuhrmeyer, pur. agt.; W. R. Johnston, export mgr.
Instruments and controls.

Baker Refrigerator Co.
Seventh & Ontario Sts., Philadelphia 40, Pa.
Phone: BAldwin 3-6450.
J. B. Baker, pres. & treas.; E. A. Baker, v. p. & secy.
Commercial and industrial refrigerators and freezers.

Baldor Electric Co.
4353 Duncan Ave., St. Louis, Mo.
Phone: OLive 2-1700.
Branch Factory: Fort Smith, Ark.
E. C. Ballman, bd. ch.; F. C. Ballman, pres.; G. A. Schock, secy.-treas.
Electric motors.

Baldwin-Ehret-Hill, Inc.
500 Breunig Ave., Trenton, N. J.
Phone: EX. 6-4571.
Branch Factories: Valley Forge, Pa.; Kalamazoo, Mich.; Temple, Texas; Huntington, Ind.
J. L. Mohun, gen. sales mgr.
Thermal insulations and acoustical products, duct insulation.
Trade Names: Mono-Block*; Super Powerhouse*; Thermalite*; Therma-K*; Koldboard*; Fine-Fyber Felt*; Mono Kover*; E-Z Ply.

Bally Case & Cooler, Inc.
Bally, Pa. Phone: TIlden 5-2311.
L. Melcher, pres.-chg. production; G. M. Prince, v. p., treas., pur., adv., finances; Leon Prince, secy. & sales mgr.; George Melcher, asst. secy., chief design & engrg.; Arthur Stortz, asst. sales mgr.; Willard Hirsch, compt.
Display cases; walk-in coolers and freezers.

Balsa Ecuador Lumber Corp.
500 Fifth Ave., New York 36, N. Y.
Phone: PEnnsylvania 6-0697.
Factory: Guayaquil, Ecuador, S. A.
Henri Kohn, pres.; Jacques Kohn, v. p.-sales; Jean Kohn, v. p.-engrg.; N. G. Boyer, asst. sales mgr.
Board insulation.
Trade Names: Belcobalsa*; Isobalsa*.

Baltimore Aircoil Co., Inc.
P.O. Box 7322, Baltimore 27, Md.
Phone: WAterloo 1440.
John Engalitcheff, Jr., pres.; W. E. Kahlert, v. p.-sales; W. D. Geiser, v. p.-production; M. B. Older, treas.; E. L. Woody, pur. agt.; T. F. Facius, chief engr.
Evaporative condensers, cooling towers, industrial fluid coolers.
Trade Name: B.A.C.

Bangor Mill & Cooler Co.
550 Railroad, Bangor, Mich. Phone: 5391.
R. E. Wright, pres.; David Wright, v. p.; Howard Baxter, sales; Evelyn Wright, personnel.
Walk-in coolers and freezers.

Banner Burner Co.
227 E. Indianola Ave., Youngstown, Ohio.
Phone: ST. 2-4528.
C. S. Barger, pres. & gen. mgr.
Gas conversion burners.
Trade Name: Jet-8.

Bar-Brook Mfg. Co., Inc.
6135 Linwood Ave., Shreveport, La.
Phone: 868-3626.
Taylor Barnes, pres.; M. H. Swor, v. p-production; Virginia Dial, secy.-treas.; J. P. Swor, pur. agt.
Air conditioning and ventilating equipment; attic fans.
Trade Name: Breezebuilder.

Bar-Ray Products, Inc.
211 25th St., Brooklyn 32, N. Y.
Phone: SOuth 8-1020.
W. Edelson, sales mgr.; R. Lapof, adv. mgr.; R. Irvin, chief engr.
Liquid temperature controls.

Barber-Colman Co.
1300 Rock St., Rockford, Ill.
Phone: WOodland 8-6833.
D. J. Stewart, pres.; C. J. Braatz, v. p.; D. R. Farquhar, pur. agt.
Temperature and humidity controls; air distribution products.
Trade Names: Uni-flo; Electrionic; Venturi-Flo.

Barber Mfg. Co., The
1053 E. 134th St., Cleveland 10, Ohio.
Phone: MU. 1-8265.
W. H. Thompson, pres.; Don Daniels, exec. v. p.; D. C. Wallace, dir. of engrg.
Gas burners, inshot, upshot, and power (forced draft) burners, residential and industrial.
Trade Names: Gun Heat; Tele-Tube; Spread Heat; Contractor.

Barbron Corp.
14580 Lesure, Detroit 27, Mich.
Phone: BR. 3-0766.
D. C. Campbell, pres.; J. M. Grinder, v. p., treas. & pur.; H. J. Ankomeus, v. p., secy. & sales.
Screens, cylinders, filters, strainers and strainer assemblies; perforated, expanded metal and wire cloth products.

Bard Mfg. Co.
P.O. Box 430, Bryan, Ohio. Phone: 636-1194.
R. O. Bard, pres.; L. A. Bard, v. p.; G. D. Smith, secy.-treas.; R. H. Eddy, gen. mgr. & pur. agt.; James Bard engr.; Richard Bard, engr.
Oil, gas, and electric furnaces and air conditioning.

Barke Products, Inc.
1984 West 75th St., Cleveland 2, Ohio.
Phone: WO. 1-5550.
M. S. Hanke, pres. & treas.; F. L. Hanke, v. p. & gen. mgr.; E. W. Finley, secy.; A. A. Hanke, chief engr.
Vee belts; pulleys: compressor, motor, and pump; sheaves; stampings.

Barkow Mfg. Co., Inc., Aug. G.
2230 So. 43rd St., Milwaukee 46, Wis.
Phone: EV. 4-7680.
Aug. G. Barkow, pres.; R. R. Miller, sales mgr.; W. P. Holz, pur. agt.; Wm. Grady, engrg.
Commercial and residential air conditioners; freezers; refrigerated sliding glass door display cases.
Trade Names: Weatherwise; Cold-Shelf.

Barnebey-Cheney
Cassady at Eighth Ave., Columbus, Ohio.
Phone: 258-9501.
Branch Factories: Los Angeles; San Antonio; St. Johns, Que, Can.
H. L. Barnebey, pres.; R. L. Trout, pur. air mgr.; Don Connor, adv. mgr.; H. Groce, pur. agt.; B. Japikse, chief engr.
Activated carbon, air purification equipment, odor adsorbers.
Trade Names: Adsorbit; Black Magic; Dacor; PurAir; Resorb.

Barnes Mfg. Co.
651 N. Main St., Mansfield, Ohio.
Phone: LA. 2-1511.
Branch Factories: Oakland, Calif.; Monterrey, Mexico.
M. H. Pryor, bd. ch.; F. B. Hout, pres.; O. V. Page, v. p.; D. A. McCullough, v. p.; J. A. Mintz, v. p.; R. L. Sears, indus. & constr. sales: P. E. Finical, adv. mgr.; R. Ross, pur. agt.; M. A. Nealy, chief engr.; C. F. Campbell, service mgr.
Pumps.

Barr Mfg. Co.
8925 San Leandro St., Oakland 21, Calif.
Phone: LOckhaven 8-4758.
L. F. Barroero, bd. ch. & pres.; A. F. Barroero, exec. v. p.; N. A. Crisafi, secy.-treas.; G. G. Lewis, sales mgr.; L. Wallace, pur. agt.
Commercial reach-in and walk-in refrigeration; set-in type dairy and freezer doors.
Trade Name: Servue.

Barron Products, Inc.
520 Pacific, Sumner, Wash. Phone: UN. 3-4484.
H. C. Barron, Jr., pres. engr. & pur. agt.; L. F. Dickman, v. p.-sales; W. J. Barron, secy. & off. mgr.; Cecil Barron, treas. & plant supt.
Metal items for food preparation, handling, holding, and refrigeration departments of the food industry.
Trade Names: Artic-Air; Coldveyor; Egg-Nook.

Barry Blower Co.
3100 California St., N.E., Minneapolis 18, Minn.
Phone: ST. 1-4801.
B. Barry, pres.; Allen Freidson, v. p.; L. P. Hanson, sales mgr. & chief engr.; H. Freidson, secy.-treas.
Centrifugal fans, all types.

Barry Controls, Div. of Barry Wright Corp.
700 Pleasant St., Watertown 72, Mass.
Phone: WA. 3-1150.
Branch Factory: Glendale, Calif.
E. Pietz, pres.; E. A. Johnson, v. p.-mktg.; T. P. Goethel, sales mgr.; A. C. Chivers, gen. mgr.; H. M. Bostder, prom. & plan. mgr.; F. T. Foster, pur. agt.
Vibration mounts, vibration eliminators, vibration racks and bases.
Trade Names: Barrymount*; Rigidamp*; Varipulse*; Hi-Damp*; Serva-Levl*.

Barworth, Inc.
681 Morris Tpk., Springfield, N. J.
Phone: DRexel 6-4883.
E. V. Barkow, pres. & chief engr.; H. E. Barkow, v. p.; J. C. Swatsworth, sales mgr.
Control valves.
Trade Name: Micro Valve*.

Bastian-Blessing Co., The
4201 W. Peterson Ave., Chicago 46, Ill.
Phone: MU. 5-1121.
C. T. Johnson, sales mgr., food service div.; C. Merryman, mgr., parts & service dept.
Display cases, liquid coolers, food service equipment, controls, valves, ice cream freezers.

Batavia Body Co.
Batavia, Ill. Phone: TR. 9-1200.
C. W. Jackson, pres.; J. Rafferty, sales mgr.; G. Wiberg, pur. agt.; G. Engstrom, chief engr.
Refrigerated truck and trailer bodies.

Bath Co., The Cyril
Aurora & Solon Rd., Solon, Ohio.
Phone: CH. 8-6510.
C. J. Bath, bd. ch. & pres.; F. J. Phillips, exec. v. p.; J. J. Frank, sales mgr.; J. Reese, pur. agt.; R. Hlad, factory mgr.
Forming and bending machines.
Trade Names: Radial Draw Former; Sequence Presses.

Bayley Blower Co.
6600 W. Burnham, Milwaukee 14, Wis.
Phone: MItchell 5-0585.
Vance Smith, pres.; P. D. Persinger, v. p.-engrg.; E. C. Weber, pur. agt.
Centrifugal fans and blowers; air washers; industrial steam heating coils.

Beach-Russ Co.
420 Lexington Ave., New York 17, N. Y.
Phone: OR. 9-7636.
Factories: Brooklyn; Hicksville, L. I., N. Y.
C. A. Beach, pres.; E. J. Beach, v. p. & gen. mgr.; A. T. Beach, v. p.-sales; S. Sukmanowski, pur. agt.; Cavataio, chief engr.
Vacuum pumps, vacuum dehydrators, refrigeration and air conditioning purge pumps.

Becker Brothers Carbon Co.
3450 S. Laramie Ave., Cicero 50, Ill.
Phone: BI. 2-1260.
M. R. Rosen, pres.; R. E. Fischel, secy.-treas.; P. D. Pecel, sales mgr.; Martin Gaber, gen. mgr.
Carbon and graphite products, welding carbons.
Trade Name: BBB.

Beckett & Co., Inc., Thomas
2521 Willowbrook Rd., Dallas, Texas.
Phone: FL. 2-8591.
T. G. Beckett, bd. ch.; J. V. Mariner, Jr., pres.; E. O. Farley, v. p.; T. O. Collins, v. p.-West Coast opr.
Metal ducts; water level float valves; water pumps; condensate removal units.

Beckley Electric Co., Inc.
468 Grand Ave., Brooklyn 38, N. Y.
Phone: NEvins 8-0211.
William Auslander, pres.; Leo Margold, secy.-treas.
Air conditioning extension cords; cable and harness assemblies.

Belfort Instrument Co.
4. N. Central Ave., Baltimore 2, Md.
Phone: DI. 2-2626.
L. Birckhead, Jr., pres.; J. B. Reilly, treas.; Paul Claus, sales mgr.
Temperature and humidity indicators and recorders, psychrometers.

Bell & Gossett Co.
Morton Grove, Ill. Phone: IN. 3-4040.
Branch Factories: Midland Park, N. J.; Longview, Texas.
E. J. Gossett, bd. ch.; R. E. Moore, pres.; W. A. Boone, exec. v. p.; A. B. Meeg, v. p.-sales; L. Oosten, v. p.-engrg.; E. F. Ford, sales mgr.; J. W. Flasch, product mgr., Air Cond. Dept.; G. U. Miller, adv. mgr.; N. VanParys, pur. agt.; A. Mareneck, factory mgr.; D. A. Broadwell, export mgr.
Liquid chillers, compressors, pumps, condensing units, coils, condensers, evaporators, heat exchangers.
Trade Name: Hydro-Flo.

Belt-Ice Corp.
3400 16th, W., Seattle 99, Wash.
Phone: ATwater 3-4361.
F. W. Knowles, pres.; J. C. Agnew, v. p.; D. A. Johnson, pur. agt.
Freezers, ice making equipment; gas purgers; oil separators.
Trade Name: Knowles.

Beltz Engineering Laboratories
11021 Whittier, Detroit 24, Mich.
Phone: VE. 9-1850.
C. R. Beltz, bd. ch., pres. & sales mgr.; Myrtle Ferguson, v. p.; J. Arnold, pur. agt.; Henry Young, chief engr.; G. Pasco, factory mgr.; R. Eschenburg, service mgr.; J. Palazzo, export mgr.
Portable and permanent artificial ice rinks; liquid chillers; low temperature test cabinets.
Trade Name: Beltemp.

Bendix Corp., The, Friez Instrument Div.
1400 E. Taylor Ave., Baltimore 4, Md.
Phone: VA. 5-5200.
V. D. Hauck, gen. mgr.; R. B. Stevenson, gen. sales mgr.; J. R. Freeland, supv. com. con. sales; H. J. Grady, pur. agt.; J. W. Hammond, dir. of engrg.; A. S. Pawling, works mgr.; G. Kerr, service mgr.
Humidistats; temperature and humidity indicators and recorders; anemometers; psychrometers.
Trade Name: Psychron.

Bendix-Westinghouse Automotive Air Brake Co., Evansville Div.
950 E. Virginia St., Evansville, Ind.
Phone: HA. 4-6471.
F. A. Haag, gen. mgr.; D. J. Wood, gen. sales mgr.; J. G. Clark, pur. agt.; John Henning, chief engr.; H. H. Austin, factory mgr.; H. C. Preher, chief applications engr.; J. W. Downen, mgr. of service & wholesaler accts.
Motor compressors, condensing units.

Berkeley Pump Co.
P.O. Box 7, Station A, Berkeley, Calif.
Phone: TH. 3-9400.
Branch Factories: Atlanta; Amarillo, Texas; Grand Island, Neb.
F. F. Stadelhofer, pres.; J. L. Chamers, Sr., v. p. R. A. Rhoda, chief engr.
Pumps, centrifugal, deepwell turbine, sump, submersible.

Berna Corp.
27-02 43rd Ave., Long Island City 1, N. Y.
Phone: ST. 6-4326.
R. N. Beebe, bd. ch.; Herman Meyer, pres. & sales prom. mgr.; A. Meyer, exec. v. p.
Corrosion inhibitors, acids, adsorbents.
Trade Names: Sarine*; Evolene*.

Bernard Franklin Co., Inc.
4045 Torresdale Ave., Philadelphia 24, Pa.
Phone: JEfferson 3-4500.
Frank Featherman, pres.
Steel shelving and storage equipment; metal handling equipment, etc.
Trade Name: BFC.

Bernz Co., Inc., Otto
740 Driving Park Ave., Rochester, N. Y.
Phone: GL. 8-7076.
S. J. Reich, pres.; J. M. Dunn, v. p.-mktg.; John Mallett, sales mgr.; Fred Dittman, adv. mgr.
Portable propane appliances, torches, portable refrigerators, sprinklers and garden hose accessories.
Trade Names: Bernz-O-Matic; Bernzrite; Green Spot.

Bertram Co., The Harvey P.
1439 Freeman Ave., Cincinnati 14, Ohio.
Phone: GA. 1-4960.
R. A. Luebbe, pres.; V. R. Luebbe, v. p.; John Taylor, secy.; R. B. Luebbe, treas.
Propeller fans, propellers, blowers, roof vents.
Trade Name: Industrial Air.

Bete Fog Nozzle, Inc.
309 Wells St., Greenfield, Mass.
Phone: PRescott 3-7198.
J. U. Bete, pres.; R. C. Burnham, gen. mgr.; D. W. Curtis, sales mgr.
Fog and spray nozzles, all types.

Bethlehem Foundry & Machine Co.
225 W. Second St., Bethlehem, Pa.
Phone: 867-4605.
Wesley Peoples, pres.; A. A. Sickeler, gen. mgr.; Willard Moyer, secy.-treas.; R. C. Dietz, sales mgr.
Boilers, residential, hot water, or steam.
Trade Name: Dynatherm.

Bethlehem Steel Co.
701 E. Third St., Bethlehem, Pa.
Phone: 867-2424.
Steel products.

Betts & Betts Corp.
Pomperaug Rd., Woodbury, Conn.
Phone: COngress 3-2191.
R. F. Brinckerhoff, pres.; Mrs. Mary Lou Allen, exec. v. p.; H. Hull, chief engr.; Edw. Swanburg, prod. supvr.
Electrical specialties.

Beveo Co., Inc., The
3320 S. Broadway, St. Louis 18, Mo.
Phone: PRospect 1-3500.
S. C. Dorman, pres.; J. W. McElroy, v. p.; B. Landau, secy.
Electric beverage coolers; chest-type freezers; air conditioners.
Trade Names: Bev-Kold; Bevco-Maid.

Beverage-Air Sales Co.
P.O. Box 1981, Spartanburg, S. C.
Phone: 582-8111.
Branch Factory: Punxsutawney, Pa.
H. L. Buffington, pres.; R. W. Senechal, sales mgr.
Beverage cooling equipment: bottle coolers, draft beer coolers, retail and school milk coolers, dairy and bulk can coolers, compact refrigerator cooler.

Beverage Coolers, Inc.
3111 Polk, Houston 3, Texas. Phone: CA. 2-7795.
R. M. Ayotte, pres.; C. E. Ross, factory mgr.
Dry beverage coolers, draft beer dispensers.
Trade Name: Versa.

Beverly Shear Mfg. Corp., The
3004 W. 111th St., Chicago 55, Ill.
Phone: BE. 8-0003.
K. W. Nebel, pres.; F. M. Nebel, adv., sales prom. & export mgr.; R. L. Christesen, pur. agt.; S. J. Kalish, factory mgr.; J. A. Nebel, service mgr.
Metal cutting machines, bench and floor type, hand-operated, electric, and pneumatic.

Binks Mfg. Co.
3114-44 W. Carroll Ave., Chicago 12, Ill.
Phone: VAn Buren 6-4200.
Branch Factories: Chicago & Franklin Park, Ill.
B. B. Roche, pres.; P. L. Griffin, v. p. & treas.; J. E. Rowe, v. p.; J. Baur, v. p. & factory mgr.; C. R. Kranz, mgr. water cooling; B. J. Hedger, gen. sales mgr.; W. W. Roche, special projects; R. Krisch, pur. agt.; G. Harker, chief engr.; E. Lindberg, plant supt.

Cooling towers and industrial nozzles.
Trade Names: Rotojet; Spra-rite; Watertemp.

Black & Decker Mfg. Co., The
Towson 4, Md. Phone: VA. 3-4400.
Branch Factory: Hampstead, Md.
R. D. Black, bd. ch.; A. G. Decker, Jr., pres.; G. W. McCarty, v. p.-research & dev.; G. H. Treslar, gen. sales mgr., Ind. Auto Div.; J. Otradovec, asst. adv. mgr., Ind. Auto Div.; A. Dahl, pur. agt.; J. P. Spain, mgr. service div.
Portable electric tools and industrial-commercial vacuum cleaners.
Trade Names: Tapgun*; Holgun*; Scru-Drill*; Scrugun*; Whirlwind*; Shorty*.

Black, Sivalls & Bryson, Inc.
7500 E. 12th St., Kansas City 26, Mo.
Phone: BEnton 1-7200.
Branch Factory: Tulsa, Okla.
K. W. Lineberry, pres.; N. D. Baker, v. p.-mktg., control div.; C. R. Bootz, mgr.; E. W. Reif, regional sales mgr.; H. Unger, export mgr.
Safety heads (pressure relief devices); pressure, temperature, and liquid level valves and controllers; mass flowmeter.

Blackmer Pump Co.
1809 Century Ave., S.W., Grand Rapids, Mich.
Phone: CHerry 1-1611.
B. L. Gordon, pres.; J. B. Caldwell, v. p.; E. H. Lanthorn, v. p. & sales mgr.; V. A. Brunson, v. p. & chief engr.; H. D. Davidson, asst. sales mgr.; D. J. Mahan, pur. agt.
Rotary pumps; refrigerant transfer pumps.

Blazer Corp.
173 Market St., Passaic, N. J.
Phone: PRescott 7-7711.
Branch Factory: East Rutherford, N. J.
B. V. Blazer, pres.; J. D. Gentile, v. p. & pur. agt.; W. R. Spernow, mgr. air cond. div. & sales mgr.; L. Sless, adv. mgr.; J. A. Schade, chief engr.; L. Presti, factory mgr.
Industrial and commercial supplies and equipment for air conditioning and refrigeration.
Trade Name: Tru-Air.

Blissfield Mfg. Co.
R.F.D. 3, Blissfield, Mich. Phone: 330.
O. W. Farver, bd. ch. & pres.; B. W. Farver, exec. v. p.; P. C. Hall, v. p.-engrg.; O. H. Farver, v. p.-prod.; R. E. Heilman, office mgr. & asst. treas.; J. E. Seel, service mgr.
Refrigeration systems for vending machines; poultry equipment; display cases; residential air conditioners; industrial dehumidifiers; hospital equipment; reciprocating compressors; marine equipment; milk coolers, drink dispensers, restaurant equipment.

Blons & Co., M. J.
323 E. 23rd St., Chicago 16, Ill.
Phone: VI. 2-5100.
M. J. Blons, pres.; D. J. Blons, secy.; A. M. Blons, treas.; M. Taeuber, service mgr.
Water coolers and filters; Kelvinator area distributor.
Trade Names: Ever-Dry; Jeffery #40; Jeffery #100.

Bloomer Cooling Tower Div., Fiske Co.
1237 West 47th St., Chicago 9, Ill.
Phone: FR. 6-2236.
R. M. White, pres.; C. R. Freeman, v. p.; H. Curran, sales mgr.
Induced draft mechanical water cooling towers, sizes 5 ton and up.

Blossom Mfg. Co., Inc.
2337 McDonald Ave., Brooklyn 23, N. Y.
Phone: DEwey 6-5555.
S. J. Brandstein, pres.; J. I. Antokal, v. p.; M. G. Antokal, secy.-treas.
Air conditioner covers; covers for refrigerator bowls and plates.

Bodine Electric Co.
2500 Bradley Pl., Chicago 18, Ill.
Phone: IRving 8-3515.
C. D. Bodine, pres.; E. W. Larson, exec. v. p. & pur. agt.; H. C. Bodine, v. p. & chief engr.; W. M. Yogerst, sales mgr.; G. H. Kuhnen, adv. mgr.; R. Helmig, factory mgr.; E. W. Walstrom, service mgr.; G. Fluxmon, export mgr.
Fractional horsepower motors.

Bogene, Inc.
286 Fifth Ave., New York 1, N. Y.
Phone: LA. 4-9727.
Branch Factory: Lebanon, Pa.
J. S. Bowman, pres.; J. G. Hochfelder, exec. v. p.; Ivan Kates, sales prom. mgr.
Room air conditioner covers.

Bohn Aluminum & Brass Corp.
1400 Lafayette Bldg., Detroit 26, Mich.
Phone: WO. 3-0655.
S. D. Den Uyl, bd. ch.; T. W. Kuhn, pres.; E. K. Mann, v. p. & treas.; E. N. Harris, v. p.-sales; G. H. Pitts, v. p.-mfg.; A. J. Hirons, sales mgr.-appliance div.; D. I. Connor, adv. & pub. rel. mgr.; W. Nester, plant mgr.-Adrian; C. R. Ezelle, chief engr.-Adrian.
Aluminum tubing, extrusions, forgings, castings; brass rod, bearings, bushings; household refrigerator evaporators.
Trade Names: Bohnalite; Bohnalloy; Decor-A-Trim; Velve-Trim; AL-dec.

Bohn Aluminum & Brass Corp., Danville Div.
1625 E. Voorhees St., Danville, Ill.
Phone: HI. 6-3710.
Export Dept.: 2030 Chestnut St., St. Louis 3, Mo.
H. B. Thomas, v. p. & gen. mgr.; W. H. Markson, mgr. com'l dept.; L. E. Jennings, mgr. refrig. dept.; R. V. Burdeno, plant mgr.; D. H. Gold, chief engr.; R. L. Schwichtenberg, service mgr.; E. Brauner, export mgr.; P. G. Kayser, mgr.-air cond. dept.; C. B. Simison, mgr.-unitary coil dept.; W. B. Buck, sales mgr.-air cond. dept.; W. Foster, chief prod. engr.-air cond.; H. S. Lindahl, chief prod. engr.-refrig.; D. A. Bunner, pur. agt.
Heat transfer equipment, coils, condensers, evaporators, unit coolers, air-cooled condensers, remote type air conditioning units.
Trade Names: Bev-Aire; Bohn-Aire; Bohn-el; Bohn-Kote; Cool-Aire; Direct-Aire; Dual-Aire; Flex-Aire; Limitizer; Lo-Aire; Mullion-Aire; Radial-Aire; Top-Aire; Vee-Aire.

Bonded Hermetic Re-Mfg. Co., Inc.
9833 Ditmas Ave., Brooklyn, N. Y.
Phone: DI. 5-6969.
S. J. Strauss, v. p.-sales; S. Glazer, prod. mgr.
Refrigeration sealed units rebuilt for the trade.

Bonney Forge & Tool Works
2400 N. Rockhill Rd., Alliance, Ohio.
Phone: TAlbot 3-1100.
Parent Co.: Miller Mfg. Co.
J. M. Potts, pres.; W. S. Warren, gen. mgr.; R. R. Holmstrom, v. p.-sales; Wm. H. Emrey, Jr., asst. sales mgr.; G. Clayton, pur. agt.; H. Bobrowski, engr.
Mechanics' hand tools.
Trade Name: Bon-E-Con*.

Borden Chemical Co., The,
Adhesives & Chemicals Div.
350 Madison Ave., New York 17, N. Y.
Phone: MU. 7-4100.
Branch Factories: Peabody, Mass.; Illiopolis, Ill.; Middlesex, N. J.
R. J. Lodge, v. p.-gen. mgr.; S. D. Kirsch, devel. mgr.; B. F. Hecht, works mgr.
Adhesives.

Bordner Mfg. Co.
P.O. Box 218, Freeport, Ill.
Phone: ADams 2-4719.
L. M. Bordner, adv. & export mgr.; F. E. Ludolph, pur. agt.; L. M. Bordner, Jr., factory mgr. & chief engr.
Commercial refrigerator hardware.
Trade Name: Arcade.

Bossman Controls Co.
613 Washington Blvd., Chicago 6, Ill.
Phone: RA. 6-9639.
S. R. Thompson, owner.
Controls, thermostats; special items.

Boston Machine Works Co.
7-17 Willow St., Lynn, Mass.
Phone: LYnn 3-0200.
R. H. Illingworth, pres. & treas.; E. K. Priest, v. p. & gen. mgr.; R. L. Dennis, mgr.-Oil Heat div.; L. A. Huston, asst. treas.
Oil burners, nozzles, baffles, combustion chambers, tank gauges.
Trade Name: BosMaco*.

Bower Chemical Mfg. Co., Henry
Grays Ferry Rd. & 29th St., Philadelphia 46, Pa.
Sydney Thayer, Jr., pres.; R. R. Hull, v. p.; D. H. Wood, v. p.; F. W. Fries, sales mgr.; R. G. Hassel, pur. agt.
Anhydrous ammonia (refrigeration grade).

Bowman Co., Inc., D. F.
(See Precisionaire, Inc.)

Brady Co., W. H.
727 W. Glendale Ave., Milwaukee 9, Wis.
Phone: EDgewood 2-8100.
W. H. Brady, Jr., pres.; T. W. Wise, v. p.-sales; E. A. Meier, pur. agt.; T. A. Weisz, chief engr.; E. C. Heuser, v. p.-mfg.
Pressure-sensitive pipe markers, nameplates, signs, tapes.
Trade Names: Perma-Code; Quik-Plates; Poly-plates; Quik-Labels.

Brazeway, Inc.
2711 E. Maumee St., Adrian, Mich.
Phone: COlfax 5-2121.
A. L. Goldsmith, pres.; C. E. Hickman, v. p. & treas.; R. W. Freligh, secy.; R. L. Hodapp, sales; John Hickman, plant supt.
Aluminum tube and shapes; copper-aluminum transition pieces; aluminum headers and accumulators; formed aluminum evaporators and condensers.

Breidert Co., The G. C.
P.O. Box 1190, San Fernando, Calif.
Phone: TRiangle 7-7127.
G. C. Breidert, bd. ch.; G. M. Breidert, pres.; R. S. Jones, v. p.-exec. mgr.; W. E. Rude, v. p. & sales mgr.; E. J. Rude, secy.; M. P. Breidert, treas.
Roof ventilators.
Trade Names: Air-X-Hausters; Powair-X-Hausters.

Breslove Separator Co.
Commonwealth Bldg., Pittsburgh 22, Pa.
Phone: AT. 1-0309.
Joseph Breslove, Jr., pres.; H. M. Stewart, chief engr.
Fly ash collectors, dust collectors, dust collecting systems.
Trade Name: Regenerative.

Bridgeport Brass Co.
30 Grand St., Bridgeport 2, Conn.
Phone: EDison 4-1182.
Branch Factories: Indianapolis; Warren, Ohio; Seymour and Norwalk, Conn.; Riverside, Calif.; Moultrie, Ga.
A. Zender, pres.; R. W. Summey, v. p.-operations; R. L. Allen, v. p.-mktg.; I. M. Malsch, v. p.-sales; D. Bell, v. p.-finance; W. Brown, sales mgr.
Copper water and drainage tube; condenser tubes; plumbing brass goods; air conditioning and refrigeration tube.
Trade Names: Duplex; Duronze.

Bridgeport Fabrics, Inc.
165 Holland Ave., Bridgeport, Conn.
Phone: ED. 6-0134.
R. W. Naramore, v. p. & sales mgr.; F. A. Mazzarese, supt. chg. mfg.
Refrigerator door gaskets.
Trade Name: Inner-Seal.

Bridgeport Thermostat Div. of Robertshaw-Fulton Controls Co.
155 Hill St., Milford, Conn.
Phone: TRinity 8-1721.
R. S. Reynolds, bd. ch.; T. T. Arden, pres.; E. B. Maire, gen. mgr.; P. H. Snoberger, sales mgr.; D. L. Morgan, chief engr.
Metallic bellows, automatic controls for air conditioning, commercial refrigeration, well water systems.
Trade Names: Formflex; Formweld; Formset.

Bristol Co., The, Div. of American Chain & Cable Co., Inc.
Waterbury 20, Conn. Phone: PLaza 6-4451.
Branch Factories: Chicago; Los Angeles; Houston.
W. H. Faeth, pres.; H. E. Beane, v. p.-sales; F. W. Borchers, gen. sales mgr.; E. G. Gabrielson, treas.; L. B. Krumm, gen. field sales mgr.; F. Frohn, pur. agt.; W. D. McCrea, chief engr.
Recording, automatic controlling, electronic and telemetering instruments; choppers and high-speed relays; pressure switches and pressure sensitive devices; precision socket screws for instruments and electronic components.
Trade Names: Dynamaster*; Free-Vane*; Meta-vane*; Pyromaster*.

Bromann Bros., Inc.
857 Fulton St., Chicago 7, Ill.
Phone: MO. 6-4082.
W. H. Bromann, pres. & pur. agt.; A. L. Bromann, secy, sales & adv. mgr.; D. Weber, factory mgr.; L. Arndt, office & service mgr.
Commercial custom built refrigerators.
Trade Name: Perfection.

Brook Motor Corp.
3302-04 W. Peterson Ave., Chicago 45, Ill.
Phone: IN. 3-6464.
Subsidiary of: Brook Motors, Ltd., Huddersfield, England.
F. V. Brook, pres.; J. L. Brook, exec. v. p.; P. L. Loewe, v. p.; M. E. Stern, v. p.; A. E. Hogton, v. p.
Capacitor-start and polyphase motors.
Trade Names: Gryphon; Merlin.

Brooke Engineering Co., Inc.
4517 Wayne Ave., Philadelphia 44, Pa.
Phone: DA. 9-8822.
Harley E. Pharoah, pres.
Combustion control systems, draft controls, smoke indicators, smoke monitors.

Brookside Corp.
P.O. Box 38, McCordsville, Ind.
Phone: ED. 5-2101; ED. 5-2111.
Branch Factories: Indianapolis, Fortville, Ind.
C. A. Forth, Sr., pres.; C. A. Forth, Jr., v. p. & gen. mgr.; B. E. McKinney, sales mgr.; John Wooden, chief engr.; J. D. Cockerille, controller; N. Kellam, prod. mgr.
Fan blades and blower wheels, special air moving devices; contract manufacturer; metal fabrication and assembly.
Trade Name: M-Pel-Air.

Brown-Brockmeyer Co., The
1000 S. Smithville Rd., Dayton, Ohio.
Phone: CL. 2-5661.
Factories: Dayton; Wilmington; Washington Court House, Ohio.
S. A. Brown, pres.; S. S. Brown, v. p.; A. G. Bickford, sales mgr.; C. Adkins, pur. agt.; J. Trant, chief elec. engr.
Capacitor-start, squirrel cage, three phase, and repulsion start-induction run motors.
Trade Name: Dyna.

Brown Mfg. Co., Inc., K. G.
Mattituck, L. I., N. Y. Phone: MAttituck 9-8313.
K. G. Brown, pres.; G. E. Brown, exec. v. p.; A. Penny, adv. mgr.; M. H. Bachman, factory mgr.; H. Tate, service mgr.
Ice vending stations.

Brown Mfg. Co., Inc., The
812 Ohio River Blvd., Avalon, Pittsburgh 2, Pa.
Phone: PO. 6-7570.
W. R. Brown, pres.; W. R. Brown, Jr., v. p. & sales mgr.; E. W. Treher, office mgr.
Soft ice cream freezers; milkshake freezer-dispensers; custard freezers; complete drive-in stands and restaurants; specialty refrigeration products.
Trade Name: Brownie*.

Brown Products Corp., A.
1080 Springfield Rd., Union, N. J.
Phone: MU. 6-9260.
J. Ahrens, sales mgr. & chief engr.
Heating and air conditioning equipment.
Trade Name: Bayce-Heet.

Brundage Co., The
512 N. Park St., Kalamazoo, Mich.
Phone: FI. 9-6681.
F. W. Brundage, pres.; J. E. Brundage, v. p.; L. C. Kroes, sales mgr.; D. Dillon, pur. agt.; Emery Royal, factory mgr.; T. Tipton, service dept.
Blowers.

Brunner Div., Dunham-Bush, Inc.
179 South St., West Hartford 10, Conn.
Phone: CHapel 9-8671.
C. Boling, pres.; J. A. Mulcahey, v. p.-sales; F. T. Carney, v. p.-pur.; A. S. Decker, v. p.-engrg.; W. H. Johnson, gen. mgr.; J. L. Roth, mktg. mgr.; J. Jacobs, Jr., adv. mgr.; T. Cashman, pur. agt.; G. Hartwell, chief engr.; G. J. Finck, product mgr.; E. Cook, service mgr.; C. L. Babin, export mgr.
Refrigeration compressors and condensing units (open and semi-hermetic and direct-drive type); truck refrigeration units; condensing units on racks.

Bryant Mfg. Co.
2020 Montcalm St., Indianapolis, Ind.
Phone: ME. 2-5471.
S. F. Shawhan, pres & gen. mgr.; D. W. Hoppock, v. p. & gen. sales mgr.; E. R. Trevor, dir.-mfg.; J. A. Logan, mgr.-pur.
Air conditioners; furnaces; boilers; water heaters; gas conversion burners; unit and duct heaters.

Bubar Dust Systems
Old Lyme, Conn. Phone: GE. 4-1651.
W. C. Bubar, owner.
Mechanical dust collectors (low draft loss).

Buensod-Stacey Corp.
45 W. 18th St., New York 11, N. Y.
Phone: AL. 5-8070.
Branch Factory: Charlotte, N. C.
M. S. Smith, pres.; R. O. McGary, exec. v. p. & sales mgr.; J. W. Kreuttner, v. p. & sales prom. mgr.; R. W. Waterfill, v. p.; W. O. Hoffman, v. p.; H. L. Janet, v. p.; J. E. McDonald, pur. agt; J. M. Sperzel, chief engr.
Air mixing units; air washers; dual duct systems; humidifiers.
Trade Name: Dual Duct.

Buffalo Forge Co.
490 Broadway, Buffalo 4, N. Y.
Phone: TL. 2-4567.
Factories: Buffalo; Kitchener, Ont., Can.
H. W. Wendt, bd. ch.; W. R. Heath, pres.; C. W. Lockhart, v. p.-sales; L. W. Simonds, adv. mgr.; H. D. Hebard, pur. agt.; R. Eck, R. S. Lloyd, W. Holt, prod. mgrs.
Air handling equipment; air conditioning equipment; condensers; roof ventilators; axial flow fans; unit heaters.

Buffalo Pumps, Div. of Buffalo Forge Co.
490 Broadway, Buffalo 5, N. Y.
Phone: TL. 2-4567.
Factories: North Tonawanda, N. Y.; Kitchener, Ont., Can.
B. W. Ellis, v. p.; A. E. Hauck, v. p.-sales; H. D. Wilson, v. p.-mgr.
Centrifugal pumps.

Buhring Water Purifying Co.
Box 267, Red Bank, N. J. Phone: SH. 1-2127.
O. Hennings, proprietor.
Water filters and purifiers.

Bundy Tubing Co.
8109 E. Jefferson, Detroit 14, Mich.
Phone: VA. 3-1300.
Branch Factories: Hometown, Pa.; Winchester, Ky.
W. W. Anderson, Jr., pres. & gen. mgr.; P. A. O'Connell, v. p.-sales; J. L. Shanahan, v. p.-mfg.; A. F. Bernthal, mgr., research & dev.; W. F. Kendall, gen. sales mgr.; J. A. Dugan, mgr., refrig. sales; W. T. Ireland, mgr., freezer sales.
Copper-brazed steel, monel, fabricated tubing parts.
Trade Name: Bundyweld.

Burge Ice Machine Co.
7 Dexter Park Ave., Chicago 9, Ill.
Phone: FR. 6-8866.
D. A. Parkhurst, pres.; W. F. Hagen, exec. v. p.; T. S. Tyler, secy.; C. E. Hanley, treas.; E. W. Barta, pur. agt.; E. F. Seifert, office mgr.
Commercial and industrial refrigeration units, ice skating rinks.

Burgess-Manning Co.
P.O. Box 350, Libertyville, Ill.
Phone: EM. 2-1800.
Branch Factory: Dallas.
D. W. Day, v. p.; J. E. Varlie, sales mgr.; B. Walberg, sales prom. mgr.; R. E. Boyar, chief engr.
Radiant ceiling panels, heating-cooling.

Burke & Co.
2902 Hyde Park Blvd., Los Angeles 43, Calif.
Phone: PL. 3-1606.
Branch Factory: San Diego, Calif.
V. J. Burke, bd. ch. & pres.; G. B. Martineau, v. p.; J. M. Burke, v. p.-sales; F. J. Tigner, factory mgr.; R. N. Short, service supt.
Air filters; gas and vapor adsorbers; electronic air cleaners.
Trade Names: Roto Aire; Airsan; Electro-air.

Burnham Corp.
Box 148, Belle Vernon, Pa.
Phone: WAverly 9-7700.
J. J. Hildebidle, div. mgr.; D. A. Montemayor, chief engr.-heating; R. T. Riordan, chief engr.-air cond.
Warm air furnaces and summer cooling units.

Burr Oak Tool & Gauge Co.
Sturgis, Mich. Phone: OL. 1-3278.
N. A. Franks, pres.; E. E. Eldridge, v. p.; R. A. Pierce, chief engr.
Automatic tube benders; coil expanders; design and build special equipment, tools, and dies.
Trade Name: Oak Tools.

Burt Mfg. Co., The
44 E. South St., Akron 11, Ohio.
Phone: POrtage 2-0061.
C. A. Palmer, bd. ch.; W. A. Palmer, pres.; F. C. Sawyer, exec. v. p. & gen. mgr.; R. E. Linderman, secy.-treas.; J. E. Ruth, sales mgr.; James Shearer, chief engr.
Roof ventilators, wall louvers, special sheet metal fabrication.

Bush Mfg. Co.
900 Rochester Rd., Clawson, Mich.
Phone: JU. 8-3737.
T. R. Bush, pres.; A. J. Voth, v. p. & sales mgr.; M. E. Honsberger, secy.-treas.; K. B. Green, plant mgr.
Fan blades, cast iron pulleys.

Bussmann Mfg. Div., McGraw-Edison Co.
University at Jefferson, St. Louis 7, Mo.
Phone: GArfield 1-1740.
A. B. Bussmann, pres.; J. C. Ingram, v. p.-sales; H. vonP. Thomas, adv. mgr.; Wm. Probst,

pur. agt.; J. A. Bussmann, Jr., service mgr.
Fuses.
Trade Names: Buss; Fusetron; Hi-Cap; Limitron; Fustat; Tron; Motortron; Safety-Valve; Low-Peak; Renewatron; Super-Lag.

Butcher Boy Refrigerator Door Co.
1000 Butcher Boy Dr., Harvard, Ill.
Phone: WH. 3-6401.
G. W. Slopa, bd. ch. & pres.; R. E. Slopa, exec. v. p.; J. H. Willig, sales & adv. mgr.; J. R. Stewart, asst. sales mgr.; M. A. Hallen, pur. agt.; G. A. Dease, factory supt.
Cold storage doors, cold storage door hardware and gaskets.

Byers Co., A. M.
16th Floor, Clark Bldg., Pittsburgh 22, Pa.
Phone: AT. 1-8110.
Branch Factories: Ambridge and South Pittsburgh, Pa.
B. M. Byers, pres.; S. Salem, v. p. & gen. mgr.; A. S. Chalfant, v. p.-sales; W. J. Gurtner, treas. & controller; W. H. Harper, secy. & asst. controller; J. Smith, adv. mgr.; F. E. Engelhardt, dir. pur.; H. K. Siefers, mgr.-engrg. service.
Pipe, wrought iron, PVC, steel; plate and bar, wrought iron.
Trade Name: 4-D.

C

C & H Supply Co.
415 E. Beach Ave., Inglewood 3, Calif.
Phone: OR. 8-4181.
Branch Factories: Chicago; Dallas; Seattle; Wichita, Kan.
P. Coffer, pres.; B. L. Wilson, exec. v. p.; Jesse Coffer, sales mgr.; C. E. Stockdale, pur. agt.
Anodized and dyed aluminum foil nameplates.
Trade Names: Metal-Cal; Scriptcal.

Cain Mfg., Inc.
1111 Fifth Ave., No., Birmingham, Ala.
Phone: FA. 2-0354.
Larry Cain, pres.; W. A. Cain, Jr., v. p.; A. L. Thys, v. p. & sales mgr.
Accessories for duct systems.
Trade Names: Pre-Fab-Rics; Louverail; Scoop-Rail; Caintape; Fastak; Ductak; Cliptak; Sealtak; Safetak.

Calgon Co., Div. of
Hagan Chemicals & Controls, Inc.
Hagan Center, Pittsburgh 30, Pa.
Phone: WAlnut 2-3737.
Branch Factories: Rockwood, Mich.; Ellwood City, Pa.; Orrville, Ohio.
W. W. Hopwood, pres.; C. L. Barksdale, v. p.; R. P. Newcomer, adv. mgr.; John Crane, chief engr., jobber sales div.
Water treatment products.
Trade Names: Micromet*; Banox*; CalClean*.

Cambridge Filter Corp.
738 Erie Blvd. E., Syracuse 1, N. Y.
Phone: GR. 5-1608.
D. H. Northrup, pres.; P. M. Engle, v. p.-research & dev.; W. W. Baldwin, v. p.-mfg.; D. E. Wendel, sales mgr.; R. H. Avery, adv. mgr.
High efficiency air filter (sub-micron) and accessories.
Trade Names: Absolute*; Aerosolve*; Micretain*; Smokestop.

Campbell Heating Co.
3121 Dean Ave., Des Moines, Iowa.
Phone: AM. 6-5169.
Bowen Campbell, pres.; A. K. Campbell, v. p.; Crom Campbell, secretary; Bud Campbell, treas.; Elwood Arendts, sales mgr.
Warm air heating equipment.
Trade Name: Winter Chaser.

Canadian General Filters, Ltd.
39 Crockford Blvd., Scarborough, Ont., Can.
Phone: PL. 7-3691.
W. A. Proctor, gen. mgr.; W. L. Eckstein, asst. gen. mgr.
Oil filters; tank gauges; humidifiers.
Trade Name: GF.

Capac Mfg. Corp.
309 S. Main St., Capac, Mich.
Phone: EX. 5-4394.
R. G. McLellan, Jr., pres.; J. W. Boukamp, v. p.; W. Green, secy.
Adhesives, molded rubber, coated fabric.

Capitol Machine Co., The
815 Grandview Ave., Columbus 8, Ohio.
Phone: HU. 6-2408.
W. C. Soule, pres.; T. F. Lane, pur. agt.; W. E. Bowers, chief engr.
Crankshafts, valve plates, pistons, connecting rods, clutch parts, pulleys, and precision machined components.

Capitol Refrigeration, Inc.
3333 E. Kiest Blvd., Dallas 3, Texas.
Phone: WH. 8-7126.
W. E. Anglin, pres.; P. E. Anglin, exec. v. p.; Don Gilmore, sales mgr.; A. W. Grant, dir. of adv.; D. B. Anglin, pur. agt.; W. F. Neighbors, quality control.
Auto air conditioning—all American, sports, and foreign cars.
Trade Name: Artic-Kar.

Carbonic Dispenser, Inc.
Canfield, Ohio. Phone: LE. 3-5549.
Branch Factory: Norwalk, Calif.
E. W. Bailey, pres.; F. Welty, v. p.; R. D. Welty, treas.; D. T. Hocter, sales mgr.; R. C. Olson, office mgr.; A. R. Johnson, pur. agt.; B. J. Griffith, service mgr.
Carbonators, soft drink dispensers and faucets.
Trade Names: Sodamaster; Mix Monitor; Majic Jet.

Carey Electronic Engineering Co.
1880 Clifton Ave., Springfield, Ohio.
Phone: FA. 3-6300.
R. M. Carey, pres.; R. M. Carey, Jr., v. p.
Air filters, all metal, permanent type.
Trade Name: A-Lum-O-Aire.

Carey Mfg. Co., The Philip
Cincinnati 15, Ohio. Phone: VAlley 1-3000.
Branch Factories: Houston, Texas; Memphis; Plymouth Meeting, Pa.; Wilmington, Ill.; Perth Amboy, N. J.; Middletown, Ohio.
R. S. King, bd. ch.; J. W. Humphrey, pres.; H. R. Barrett, exec. v. p.; E. A. Boadway, v. p.; C. E. Howard, v. p.; P. D. Japp, v. p.; E. L. Clayton, v. p.-pur.; J. C. Thomas, adv. mgr.; J. G. Young, dir. engrg.
Insulation, batt, blanket; pipe covering and block; vapor barrier, coatings and emulsions, insulating cement; asbestos—cement boards.
Trade Names: Super Light; Hi-Temp; Fire-Chex; Thermo-Bord; Careytemp; Sewertite.

Carlin Co., The
912 Silas Deane Hwy., Wethersfield, Conn.
Phone: JAckson 9-2501.
B. C. Lindberg, pres.; J. E. Carlberg, v. p.; B. J. Watling, sales mgr.; H. B. Hastings, Jr., field rep.; Edward Bagdigian, office mgr.
Oil burners, power gas burners, oil fired water heaters.

Carlon Products Corp.
Box 133, Aurora, Ohio. Phone: LO. 2-7121.
J. I. Rudge, pres.; Ed Karakul, adv. mgr.; J. Zimmerman, pur. agt.
Plastic pipe and fittings, plastic conduit.

Carnes Corp., Div. of Wehr Steel Co.
Verona, Wis. Phone: VI. 5-6411.
C. F. Wehr, bd. ch.; R. L. Manegold, pres.; R. W. Krogstad, exec. v. p.; D. H. Neviaser, sales mgr.; G. Vincent, pur. agt.; G. C. Sylvester, chief engr.; F. A. Freese, prod. & mdse. mgr.
Air distribution outlets, ventilating equipment,

louvers and dampers, penthouses, air mixing units.
Trade Name: Curtainaire*.

Carolina Industrial Plastics Div., Essex Wire Corp.
Mt. Airy, N. C.
L. Webb, gen. mgr.; W. Chapman, sales mgr.
Extruded plastics and moldings; resistance heating wire.

Carpenter Steel Co., The
Front and Bern Sts., Reading, Pa.
Phone: Reading, FR. 4-8211.
Branch Factories: Union and North Brunswick, N. J.; Bridgeport, Conn.
F. R. Palmer, bd. ch.; John Moxon, pres.; H. S. Potter, v. p.-sales; O. V. Greene, gen. sales mgr.; R. L. Riegel, adv. mgr.; R. P. Freehafer, pur. agt.; H. W. Miller, chief engr.; F. von Raab, export mgr.
Stainless steel; alloys for electronic, electrical, and magnetic applications.

Carrier Air Conditioning Co.
Carrier Pkwy., Syracuse, N. Y.
Phone: HO. 3-8411.
Russell Gray, pres.; Leon Hutton, exec. v. p.; H. C. Hoffman, gen. sales mgr.; J. F. Koolstra, mgr.-direct sales; G. T. Long, mgr.-dist. sales.
Air conditioning, refrigeration, heating equipment.
Trade Names: Weathermaker; Weathermaster.

Carsco
9751 Klingerman St., S. El Monte, Calif.
Phones: GI. 3-3209; CU. 3-8851.
S. H. Benjamin pres. & gen. mgr.; C. W. Holloway, plant supt.
Rebuilders of air conditioning, refrigeration equipment, compressors, and electric motors.

Carson Mfg. Co., Inc.
2424 E. 55th St., Indianapolis 20, Ind.
Phone: CLifford 1-9591.
H. E. Carson, pres.; G. L. Lockwood, sales mgr.; R. L. Brown, pur. agt.; Frank Owens, chief engr.
Fan speed controls, transformers, low voltage remote controls, and rotary switches.

Cartrol Co., The, Div. of Motor Radio Co., Inc.
3125 Wyandotte St., Kansas City 41, Mo.
Phone: LOgan 1-2787.
C. H. Hill, pres.; H. W. Falls, v. p. & treas.; C. C. Smith, sales mgr.; Art King, chief engr.
Auto air conditioners, under dash type and trunk mount.
Trade Name: Cartrol-Aire.

Carver Pump Co.
1056 Hershey Ave., Muscatine, Iowa.
Phone: AM. 3-3410.
R. J. Carver, pres.; W. Babcock, v. p.-engrg.; G. W. Anderson, v. p.-sales.
Pumps.

Cavalier Corp., Appliance Div.
Ninth & Central Ave., Chattanooga, Tenn.
Phone: AM. 6-5678.
J. H. Lane, bd. ch.; W. G. Raoul, pres.; J. E. True, v. p.; Gene Graham, cooler sales mgr.; M. H. Wessel, heater sales mgr.; Miss Bea Swafford, pur. agt.; A. L. Rankin, dir. research.
Coolers for Coca-Cola and electric heaters.

Central Refrigeration Co.
204-210 Galena Blvd., Aurora, Ill.
Phone: TW. 7-8659.
John Dalseg, pres.; C. L. Hodge, exec. v. p.; John Wagner, v. p.; Gladys M. Bailey, secy.-treas.
Specializing in all sizes walk-in coolers, high and low temperatures.

Century Electric Co.
1806 Pine St., St. Louis 3, Mo.
Phone: CEntral 1-4920.
F. H. Pillsbury, pres.; R. N. Hill, v. p.-sales; S. M. Jones, Jr., v. p.-mfg.; G. C. Henderson, sales mgr.; F. E. Nutt, sales prom. mgr.; W. Johnson, pur. agt.; L. C. Schaefer, engrg. mgr.; W. Keiser, factory mgr.; A. T. Brown, service mgr.; W. E. Mier, export mgr.
Motors, capacitors, parts, relays, terminals.

Century Engineering Corp.
221 Fourth Ave. SE., Cedar Rapids, Iowa.
Phone: 364-4101.
J. A. Lattner, bd. ch.; B. J. Lattner, pres.; E. J. Lattner, exec. v. p.; R. K. Gunsolus, treas.; F. G. Johnson, sales & adv. mgr., htg & air cond. div.; C. H. Shafer, pur. agt.; H. Julsgard, plant supt.; W. E. Melsha, coord. engr.; J. O. Rosche, htg. & air cond. engr.; R. V. Hall, mgr. order & traffic dept.
Heating and air conditioning equipment.
Trade Name: Coolpak.

Cerro Sales Corp.
300 Park Ave., New York, N. Y.
Phone: MUrray Hill 8-8822.
R. H. Lewin, pres.; O. J. Seeds, mgr., alloy sales.
Alloys (low temperature melting metals).
Trade Names: Cerrobend; Cerrocast; Cerromatrix; Cerrotru.

Certified Laboratories
P.O. Box 2493, Fort Worth, Texas.
Phone: ED. 6-4771.
Milton Levy, pres.; Harry Lane, v. p.; J. H. Stone, secy.; R. R. Chaison, mgr.
Industrial and maintenance chemicals.

Champion Blower & Forge Co., Inc.
Lancaster, Pa. Phone: EXpress 7-6171.
H. K. Long, pres.; H. S. Kelley, v. p. & sales mgr.; H. E. Mohr, pur. agt.; Lester Burns, chief engr.; G. Revak, factory mgr.
Fans, blowers, and exhausters.

Champion Furnace Pipe Co.
120 Morton St., Peoria, Ill. Phone 676-0877.
R. Cott, pres.; M. R. Baugh, mgr. supply div.; R. E. Sherwood, sales mgr.; C. G. Smith, plant mgr.
Furnace pipe, elbows, ducts, and fittings.

Chardon Rubber Co., Div. of Ball Bros. Co., Inc.
Sixth & Washington Aves., Chardon, Ohio.
Phone: AV. 5-2161.
E. F. Ball, bd. ch.; H. L. Oplinger, gen. mgr.; B. A. Paepke, mfg. mgr.; D. S. Watkins, sales mgr.; R. E. Bahr, pur. agt.; J. Dennis, chief chemist; D. Medina, research & dev.; G. Wellman and V. Brediger, factory mgrs.
Door gaskets, gaskets, rubber and plastic parts.

Chase Brass & Copper Co., Inc.
236 Grand St., Waterbury 20, Conn.
Phone: PL. 6-9444.
Subsidiary of: Kennecott Copper Corp.
Mills: Waterbury, Conn.; Cleveland.
G. P. Bakken, pres.; W. H. Preston, exec. v. p.; W. F. Aylard, v. p.; G. R. Boutin, v. p.; H. H. Kremer, v. p.; P. S. Barno, v. p.; P. M. Thomas, sales mgr.; E. J. Malvey, adv. mgr.; C. D. Patterson, pur. agt.; R. L. Stockus, chief engr.
Copper refrigeration tube and fittings; copper water tube and fittings; brass and copper pipe; aluminum, brass, copper, and stainless steel rod, bar, wire, sheets, tubing.

Chase Industries, Inc.
630 Reading Rd., Cincinnati 15, Ohio.
Phone: VA. 1-3940.
J. W. Friedlander, pres.; G. Jaffa, sales mgr.; H. Rusche, pur. agt.; B. Wesselman, chief engr.
Aircraft air conditioners; air curtain doors; doors, cold storage and reach-in; gaskets, cold storage; hardware, cold storage door; rivet coolers; ice venders.

Chatleff Controls, Inc.
P.O. Box 996, 205 Industrial Blvd., Austin 66, Texas. Phone: HIckory 2-2387.
W. S. Drake, Jr., bd. ch. & pres.; G. N. Chatham, exec. v. p.; O. O. Shurtleff, asst. v. p.-engrg.; C. A. Olson, asst. v. p.-sales; K. R. Mathers, gen. mgr.; R. L. Fleming, plant mgr.
Air conditioning and refrigeration valves.
Trade Name: Vectrole.

Chattanooga Royal Co.
P.O. Box 5156, Chattanooga 6, Tenn.
Phone: MA. 9-1451.
R. I. Evans, pres.; L. O. Morin, Jr., exec. v. p.; G. M. Childress, v. p.-prod.; C. Richardson, v. p.-gen. mgr.; F. J. Hollerbach, field sales mgr., htg. div.; H. B. Weatherly, mgr., htg. div.; Leon Northcut, pur. agt.; Albert Chamberlain, chief engr.
Central heating, wall heaters, space heaters, air conditioning, water heaters, barbecue grills.
Trade Names: Royal; Royal Chef.

Chemical Solvent Co.
P.O. Box 487, Birmingham, Ala.
Phone: AL. 1-8503.
N. A. Burkey, Jr., pres. & sales mgr.; Mrs. Frank Philabert, v. p.; Olivia P. Burkey, gen. mgr.
Water treatment products, boiler compounds, brine treatment.
Trade Names: Ultra Solvex*; Solvex*; CSCO*; CC Coating*; Stabelizer*; Polarizer*; Distillex*.

Chemicator Div., Erlen Products Co.
700 S. Flower St., Burbank, Calif.
Phone: VIctoria 9-6591.
E. R. Card, pres.; Frank Card, v. p.; Vera Reynolds, secy.-treas.; Leon Hunsaker, sales mgr.; Greg Dumas, asst. sales mgr.; William Vance, chief chemist.
Chemical feeders, cooling tower treatments, boiler water control chemicals.
Trade Names: Kleen Koil; Koolsol.

Chicago Blower Corp.
9867 Pacific Ave., Franklin Park, Ill.
Phone: GLadstone 1-0333.
F. H. Gohl, pres.; E. R. Anderson, gen. sales mgr.; D. W. Davis, western sales mgr.; R. Dixon, pur. agt.; H. F. Thomas, secy. & office mgr.; E. W. Driver, chief engr.
Axial and centrifugal fans and blowers.

Chicago Pump, Hydrodynamics Div., FMC Corp.
622 W. Diversey Pky., Chicago 14, Ill.
Phone: EA. 7-1020.
Branch Factory: Indianapolis.
Milton Spiegel, gen. mgr.; J. S. Kudelas, adv. mgr.
Pumps for air conditioning, booster service, condensation, water circulating, and heating.
Trade Names: Condo-Vac*; Sure-Return*.

Chicago Steel Furnace Co.
2350 Lunt Ave., Elk Grove, Ill.
Phone: HE. 9-0700.
G. Goldschmidt, pres.; E. Rexroth, production mgr.
Heating, ventilating, and air conditioning equipment.
Trade Names: Artcraft; Maxitherm.

Chicago Stock Yards Turbo Refrigerating Co.
7 Dexter Park Ave., So. Chicago 9, Ill.
Phone: FR. 6-8866.
D. A. Parkhurst, pres.; Wm. F. Hagen, exec. v. p.; E. W. Barta, pur. agt.; E. F. Seifert, office mgr.
Package units.

Chicago Valve Plate & Seal Co.
6960 W. Grand Ave., Chicago 35, Ill.
Phone: MErrimac 7-5666.
G. B. Dardwin, partner; J. M. Stella, partner.
Replacement valve plates and seals for commercial, industrial refrigeration and automotive air conditioning compressors.

Chicago-Wilcox Mfg. Co.
7701 Avalon Ave., Chicago 19, Ill.
Phone: SA. 1-1900.
R. B. Anthony, Sr., bd. ch.; R. B. Anthony, Jr., pres., sales & adv. mgr.; H. B. O'Brien, exec. v. p. & treas.; D. E. Moore, Jr., secy., pur. agt. & chief engr.; J. Fuss, mgr. air cond. & refrig. div.; R. A. Doyle, asst. sales mgr.; D. Fuss, export mgr.
Gaskets and stampings.
Trade Names: Super-X; Wil-Pak.

Chip Ice Corp.
1834-42 W. 59th St., Chicago 36, Ill.
Phone: HE. 4-0500.
R. G. Hilger, pres.; L. C. Bremer, v. p. & secy.; J. L. Hilger, treas.
Manufacturers of chipflake ice making and fragment plate ice making machinery.
Trade Name: Hilger.

Cincinnati Sub Zero Products, Inc.
3930 Reading Rd., Cincinnati 29, Ohio.
Phone: PLaza 1-8810.
R. J. Jacobson, pres.; E. Wasserman, v. p.; H. Baron, secy.-treas.; Mrs. L. M. Doherty, sales prom. mgr.; H. Kaup, pur. agt.; T. J. Frederick, chief engr.; R. C. Mouk, dir. pub. rel.; H. E. Schurgast, export mgr.
Ultra low temperature and environmental test equipment.

Cincinnati Tool Co., The
4355 Montgomery Rd., Cincinnati 12, Ohio.
Phone: REdwood 1-7360.
J. A. Gardner, pres. & sales mgr.; H. H. Hargrave, exec. v. p.; L. M. Willett, adv. & sales prom. mgr.; E. M. Kerler, pur. agt.; D. L. Farmer, chief engr.; R. Weiss, factory mgr.
Gasket cutters and hand tools, bits, clamps.
Trade Names: Hargrave; Pro-Tecto-Hed*.

Circle F Mfg. Co.
720 Monmouth St., Trenton, N. J.
Phone: EX. 2-3141.
H. B. Ring, pres.; E. A. Ring, exec. v. p.; W. M. Senior, adv. mgr.
Electrical wiring devices.

Clarage Fan Co.
1 Clarage Pl., Kalamazoo, Mich.
Phone: FI. 9-1541.
R. A. Wasson, pres.; C. C. Wheeler, v. p. & treas.; S. H. Downs, v. p.-engrg.; A. L. Otis, gen. sales mgr.
Fans, unit heaters, air conditioning equipment.

Clardy Automobile Air Conditioning Co.
1728 Layton, Fort Worth 11, Texas.
Phone: TE. 4-2266.
Automobile air conditioners.

Clark Controller Co.
1146 East 152nd St., Cleveland 10, Ohio.
Phone: ULster 1-2000.
Branch Factories: Los Angeles; Toronto, Ont., Can.
R. H. Hoge, pres.; E. R. Jung, v. p.-mktg.; R. L. Puette, v. p.-production; J. A. Cortelli, v. p.-engrg.; R. Whitehill, gen. sales mgr.; N. E. Schall, pur. agt.
Industrial electric motor controls.

Clark Door Co., Inc.
518 Hunterdon St., Newark 8, N. J.
Phone: BI. 3-2532.
H. B. Clark, pres.; C. Wilder, v. p.; H. B. Clark, Jr., treas.
Cold storage doors, electric, air, and manual.
Trade Names: Prest-O-Matic; Shock Absorber; Durador.

Cleaver-Brooks Co.
326 E. Keefe Ave., Milwaukee, Wis.
Phone: WO. 2-0100.
Factories: Lebanon, Pa.; Stratford, Ont., Can.
J. C. Cleaver, pres.; F. W. Hainer, exec. v. p.; H. F. Holtz, v. p.-sales; K. K. Hilgendorf, adv. mgr.
Boilers, packaged, oil/gas fired, steam and hot water, fire tube and water tube.
Trade Names: Monitor; Progress; Model CB.

Cleveland Controls, Inc.
1111 Brookpark Rd., Cleveland 9, Ohio.
Phone: SH. 1-9444.
N. F. Hahn, pres.; J. P. Metz, v. p.-sales;

H. W. Kramer, v. p.-pur.; J. C. Weinberg, secy.-treas.; A. A. Kraft, chief engr.
Combustion control components, systems, panel control centers, indicating instruments, air safety switches, metering controls.
Trade Names: Lectricarm (actuator); Flu-Temp Gage; Lo-Draft Switch; Master Monitor.

Cleveland Fabricating Co.
7424 Bessemer Ave., Cleveland 27, Ohio.
Phone: 883-5000.
R. S. Stone, pres.; R. J. Samoly, gen. mgr.; Dale Sherman, sales & adv. mgr.
Fiberglas insulation, plain and with vapor barrier facing, diversified die-cut and fabricated parts of Fiberglas; laminators; converters—foils, paper, board.
Trade Name: Owens-Corning*.

Climatic Air
3030 Canton St., Dallas, Texas
Phone: RI. 1-3837.
Branch Factories: Tyler, Henderson, Texas.
J. W. Durrett, owner & sales mgr.; L. E. DePenning, factory mgr.
Auto and truck air conditioners.
Trade Name: Portamatic.

Clipper Mfg. Co.
2815 Warwick, Kansas City 8, Mo.
Phone: GR. 1-0766.
N. Coates, pres.; Louise Streeter, v. p.; Harold Wright, v. p.; Bill Phares, treas.; Nick Coates, sales mgr.
Masonry saws, concrete saws, blades, core drills, joint sealers.
Trade Names: SuperMatic; Scotsman; ConSaw-Matic; Blue Bond.

Clover Industries, Inc.
578-588 Young St., Tonawanda, N. Y.
Phone: NX-3-1331, 2.
H. P. Henderson, pres.; H. Paul Henderson, exec. v. p.; L. N. Friol, v. p.-sales.
Industrial closures, plastic and metal.

Coating Products, Inc.
101 W. Forest Ave., Englewood, N. J.
Phone: LO. 8-0610.
Branch Factory: New Britain, Conn.
M. Mainthow, pres.; R. H. Goodman, exec. v. p.; L. Ginsburg, secy.; G. Trihub, exec. v. p.; J. Abrams, sales mgr.; J. Farley, asst. sales mgr.; A. Nagler, factory mgr.
Metallic mylar or polystyrene evaporator fronts and doors; plastic moldings.
Trade Name: Mirro-Brite*.

Cobell Industries, Inc.
601 S. Wilhite St., Cleburne, Texas.
Phone: MI. 5-8855.
H. B. Bailey, pres.; D. G. Pegues, secy.-treas.; S. B. Boyd, sales mgr.; M. L. Gardner, asst. sales mgr.; Frank Abt., adv. mgr.; B. L. Lawson, pur. agt.; Leon Bowen, dir. engrg.; R. E. Hemple, factory mgr.; W. Pippin, service mgr.; J. D. Ward, parts mgr.
Condensing units, heat pumps, air handlers, evaporators, furnaces.
Trade Name: Rangaire.

Cobra Metal Hose, Div. DK Mfg. Co.
5059 S. Kedzie Ave., Chicago 32, Ill.
Phone: RE. 7-3311.
P. J. Firring, pres.; C. D. Greeno, sales mgr.; R. Michuda, pur. agt.; V. Sipovic, engr.
Noise and vibration absorbers; flexible metal hose pipe connectors.

Coldin Cabinet Co., Inc.
2800 Webster Ave., New York 58, N. Y.
Phone: CY. 5-3311.
Export Div.: 15 William St., New York 5, N. Y.
H. Krause, pres.; L. P. Krause, v. p. & sales mgr.; A. G. Limmer, treas. & gen. mgr.; L. Zuck, mgr. refrig. div.; H. Lieberwitz, asst. sales mgr.; G. Statman, adv. mgr.; S. Saltzman, sales prom. mgr.; S. Shapiro, chief engr.; W. Kielmann, export mgr.
Commercial refrigerated display cases.

Cole Vending Industries, Inc.
560 W. Lake St., Chicago, Ill.
Phone: RA. 6-2347.
Branch Factories: Mayville, Wis.; Lytham, Eng.
Albert Cole, pres.; R. L. Cole, exec. v. p.; S. S. Gaines, v. p.-sales; H. S. Mortara, v. p.-engrg.; W. C. Berntzen, compt.
Vending machines for cold drinks, hot drinks, pastry, candy, and sandwiches.
Trade Names: Cole-Spa*; Hot-Spa*; Fruit-Spa*; Fireball*; Iceberg*; Snowball*.

Coleman Co., Inc., The
250 N. St. Francis, Wichita 1, Kan.
Phone: AMherst 7-3211.
Branch Factories: LaPorte, Ind.; Toronto, Ont., Can.
S. Coleman, bd. ch. & pres.; J. L. Moore, gen. mgr., heating & air cond. div.; L. B. Myers, adv. mgr.; W. Oehlert, pur. agt.; F. Osborn, chief air cond. design engr.; A. M. Castello, dir. engrg.; A. Easley, factory mgr.
Air conditioning; central heating; pre-fab air distribution systems; space heating equipment.
Trade Names; Blend-Air; Trim-Boy; Polar-Pak; Polar-Prince.

Collis Co., The
Clinton, Iowa. Phone: CH. 2-7731.
E. S. Beal, pres.; C. D. Heileman, v. p.-sales mgr.; W. H. Riedesel, secy.-treas.

Colonial Alloys Co.
Ridge Ave. & Crawford, Philadelphia 29, Pa.
Phone: GE. 8-2272.
S. L. Cohn, pres. & sales mgr.; C. C. Cohn, v. p. & chief engr.; R. Whitte, mgr. air cond. div.; L. Mater, mgr. refrig. div.; R. Dunn, adv. mgr.; P. Tate, sales prom. mgr.; M. Schum, pur. agt.; J. Maisel, factory mgr.
Anodizing; chemical polishing; chemical conversion coating; patterned metals; sculptured metals; aluminum narrow coil.
Trade Names: H. Barrier; Chemoxide; Saf-T-Chlor; Cyclodiene; Tri Solvadiene.

Columbia Boiler Co. of Pottstown
Pottstown, Pa. Phone: FAculty 3-2700.
H. J. Loughney, pres.; J. J. Meade, v. p.; N. E. Loughney, secy.-treas.
Low and high pressure steel boilers, oil and gas burners, baseboard radiation.

Columbia Cement Co., Inc.
150 Ingraham St., Brooklyn 37, N. Y.
Phone: HY. 7-5000.
H. M. Maisel, sales mgr. & adv. dir.
Adhesives, coatings, sealers.
Trade Name: Kwik-Bond.

Columbia Research & Development Corp.
4608 Indianola Ave., Columbus, Ohio.
Phone: AM. 7-1277.
H. O. Kempton, pres. & gen. mgr.; H. W. Dotts, v. p. & chief engr.; R. W. Hunkler, v. p. & factory mgr.
Design engineering service for manufacturers.

Columbia Specialty Co., Inc.
6917 Arlington Rd., Bethesda 14, Md.
Phone: OLiver 2-7700.
Joseph Richards, Jr., pres.; J. W. Richards, v. p., secy. & adv.; J. E. Richards, treas.; R. B. Richards, sales; B. P. Robeson, chief engr.; C. D. Bartelmes, Jr., mgr.
Forced warm air gas and oil furnaces; residential and commercial air conditioning.

Comfort Products, Inc.
440 Hillburn, P. O. Box 1211, Dallas 21, Texas.
Phone: EX. 1-1161.
W. J. Allan, pres.-treas.; W. S. Thomas, gen. mgr.
Gas engine powered air conditioners.
Trade Name: Comfortemp.

Commercial Filters Corp.
2 Main St., Melrose 76, Mass.
Phone: DAvenport 4-7000.
Branch Factory: Lebanon, Ind.
M. F. Schaible, pres.; H. B. Ahlberg, gen. mgr.; C. F. Holland, gen. sales mgr.
Liquid and gas filters, oil reconditioning equipment.
Trade Names: Fulflo*; Honan-Crane*; Delpark*; Michiana*; Honeycomb.

Commercial Fixture Co., Inc.
2330 Yandes St., Indianapolis, Ind.
Phone: WA. 6-4585.
S. A. Horine, Sr., pres.; V. F. Horine, secy-treas.
Commercial and industrial refrigerators and freezers.
Trade Names: Miracle Cooler; Chest-o-Cold.

Commonwealth Brass Corp.
5835 Commonwealth Ave., Detroit 8, Mich.
Phone: TRinity 5-2210.
N. C. Kennedy, pres.; F. K. Henwood, v. p. & pur. agt.; R. C. Harrison, sales mgr.
Brass tube and pipe fittings.

Congress Drives Div., Tann Corp.
3750 E. Outer Dr., Detroit 34, Mich.
Phone: 891-3400.
Herman Tann, bd. ch.; David Tann, pres.; George Tann, exec. v. p.; Irvin Tann, v. p.; Stuart Chosid, secy. & dir. sales; Albert Tanner, treas.; Albert Dueweke, sales mgr.; P. S. Sanders, gen. mgr.
V-belt pulleys, V-belts, sleeve bearings, pillow block bearings, shaft collars, flexible couplings.

Connor Engineering Corp.
Shelter Rock Lane, Danbury, Conn.
Phone: PIoneer 3-3861.
W. B. Connor, pres.; P. F. Canavan, v. p. & gen. mgr.; H. A. Baker, v. p.; J. A. Gray, gen. sales mgr.; H. H. Todd, Jr., sales mgr.; D. McDonough, asst. pur. agt.; A. L. Thayer, adm. engr.; T. L. Day, chief designer; A. L. Ziegler, plant supt.
Air distribution, air recovery, and air purification equipment.
Trade Names: Kno-Draft; Dorex.

Conrad, Inc.
141 Jefferson St., Holland, Mich.
Phone: EX. 2-3161.
C. F. Conrad, v. p.-sales; D. J. Bench, v. p.-engrg.; M. G. Pointer, pur.; R. P. Schmelzer, secy. & asst. treas.
Environmental test chambers.
Trade Names: Temp-Rac; Mobil-Temp.

Consolidated Electrodynamics Corp.
360 Sierra Madre Villa, Pasadena, Calif.
Phone: MU. 1-8421.
Subsidiary of: Bell & Howell Co.
Branch Factories: Monrovia, Calif.; Rochester, N. Y.
P. S. Fogg, bd. ch.; R. H. Garretson, pres.; J. H. Lancor, v. p.-dev.; R. Enochs, sales dir.; G. H. West, adv. dir.
Measuring, testing, control instruments; high vacuum equipment.

Consolidated Vacuum Corp.
1775 Mt. Read Blvd., Rochester, N. Y.
Phone: GL. 8-2550.
F. Jenner, pres.; M. Garber, v. p.-mktg.; M. Gross, v. p.-mfg.; N. Flannigan, adv. mgr.; W. Barton, pur. agt.; R. Ulrech, chief engr.; W. Statucki, factory mgr.; T. Tierney, export mgr.
High vacuum and environmental test equipment.

Continental Air Filters, Inc.
P.O. Box 1647, Louisville 1, Ky.
Phone: MElrose 7-4795.
F. B. Johnston, Jr., pres.; S. S. Emison, v. p.; Crawford Robertson, eastern div. sales mgr.; O. A. Wurtenberg, chief engr.
Air filters and air cleaning equipment.
Trade Names: Dycon; Conomatic; Conomanual; E-Z Wash.

Continental APCO, Inc.
1270 Ave. of the Americas, New York 20, N. Y.
Phone: PL. 7-3123.
Branch Factories: Miami, Fla.; Westbury, N. Y.
M. B. Rapp, exec. v. p.; Herbert Sternberg, sales mgr.; Walter Sherman, asst. to exec. v. p.
Coin-operated vending machines.
Trade Names: Sodashoppe*; Coffee Shoppe*; Capri; Coronado.

Controls Co. of America, Heating & Air-Conditioning Div.
2450 N. 32nd St., Milwaukee, Wis.
Phone: HIlltop 2-2100.
R. W. Johnson, bd. ch.; L. Putze, pres.; S. Johnson, v. p.-mfg.; A. L. Topp, v. p. & asst. gen. mgr.; J. S. Huber, dir. sales; J. S. Rice, adv. mgr.; H. Keller, pur. agt.; R. W. Sloane, dir. engrg.
Heating controls, oil and gas; air conditioning controls; expansion valves, filters, dryers, regulating valves, oil and gas, electric heat sequence control, vaporizing burner.
Trade Names: A-P; Trap-Dri; Sparklite; Breeze.

Coolenheat, Inc.
459 Amboy Ave., Woodbridge, N. J.
Phone: MErcury 4-0044.
H. F. O'Hara, pres.; J. W. Bossert, v. p.
Air conditioning, heating, and cooling equipment.

Coolstream Corp.
253 Brook St., Harrington Park, N. J.
Phone: POplar 8-5812.
Factory: Lenni, Pa.
L. Berken, pres.; G. Berken, v. p.
Drinking water coolers.
Trade Names: Coolie; Frigidor.

Copeland Refrigeration Corp.
Sidney, Ohio. Phone: HYacinth 2-1611.
F. J. Gleason, pres.; O. H. Buschmann, sr. v. p.; W. G. von Meyer, v. p.-mktg.; R. G. Berg, v. p.-sales; B. W. Moreland, v. p.-mfg.; R. G. Mozley, v. p.-int'l div. & chief appln. engr.; J. C. Richard, controller; J. E. Barker, asst. sales mgr.; K. F. Goldmann, asst. sales mgr.; P. Carolla, pur. agt.; J. E. Perry, appln. engr.; J. D. Loveley, chief engr.; R. E. Comstock, chief engr.-dev. & test; E. A. Kroder, chief engr.-prod. engrg.; G. E. Detrick, service mgr.; A. Perttola, mgr. educ. services; H. A. Silcox, export mgr.
Condensing units and compressors for refrigeration and air conditioning.
Trade Names: Copelametic; Copelaweld; Zerozone.

Copes-Vulcan Div., Blaw-Knox Co.
939 W. 26th St., Erie 4, Pa. Phone: GL. 4-2431.
P. W. Peoples, gen. mgr.; D. E. Hibner, v. p.-sales; W. J. McDonough, gen. sales mgr.
Combustion control; boiler feedwater control; pressure reducing and desuperheating equipment; soot blowers.
Trade Name: Vulcan.

Corbman Bros., Inc.
25th & York Sts., Philadelphia, Pa.
Phone: BAldwin 3-2311.
M. Corbman, pres.; A. L. Corbman, v. p. & secy.; M. B. Corbman, treas.
Prefab duct and fittings for heating and cooling; smoke pipe and furnace fittings.
Trade Name: JusRite.

Cords Ltd. Div., Essex Wire Corp.
DeKalb, Ill. Phone: 6-2721.
J. Gerber, sales mgr.
Cord sets—electric.

Cornelius Co., The
2727 No. Ferry St., Anoka, Minn.
Phone: HA. 1-6120.
R. T. Cornelius, pres.; R. S. Thompson, sales

mgr.; Herb Penner, field sales supv.; Paul Winn, mdsg. mgr.; E. T. Jansen, plant mgr.
Pre-mix beverage dispensers; polyethylene tubing, braided tubing; stainless steel tanks.
Trade Names: Super-Serve; Pre-mix fountain; Super Champion; Grip-Cor.

Cornell-Dubilier Electronics Div., Federal Pacific Electric Co.
50 Paris St., Newark 1, N. J.
Phone: MA. 4-7500.
Branch Factories: New Bedford, Norwood, Mass.; Providence, R. I.; Fuquay Springs, Sanford, N. C.; Venice, Calif.
O. Blake, pres.; R. T. Leary, v. p.-sales; G. E. Ronk, dir. of mktg.; E. J. Maginot, adv. & sales prom. mgr.
Capacitors (motor-start and motor-run), relays.

Cory Corp.
3200 W. Peterson Ave., Chicago 45, Ill.
Phone: INdependence 3-1700.
A. N. Pritzker, bd. ch.; J. W. Alsdorf, pres.; H. G. Blakeslee, v. p. & gen. mgr.; D. Eisendrath, v. p.-mfg.; N. H. Schlegel, v. p.-mktg.; H. Roehm, consumer products sales mgr; L. R. Cazel, adv. & pub. mgr.; G. Sedlack, service mgr.
Fans, circulators, heaters; dehumidifiers; humidifiers.
Trade Names: Fresh'nd-Aire; Mitchell.

Council Mfg. Corp.
420 N. Second St., Fort Smith, Ark.
Phone: SU. 2-0314.
D. A. Council, pres.; E. D. Stockburger, v. p.-sales; R. J. Henderson, chief-production.
Icemakers; carbonated drink dispensers; walk-in coolers; coin-operated ice vending stations.
Trade Names: Drinkmaker*; Handy Dan's*.

Cox & Co., Inc.
115 E. 23rd St., New York 10, N. Y.
Phone: OR. 4-4727.
D. B. Cox, pres.; J. L. Cox, v. p.-engrg.; H. M. Brusman, v. p.-sales.
Heating tape, thermostat, electric heating elements.
Trade Names: Thermowire; Ribbon Heat; Ready Heat.

Crane Co., Plumbing-Heating-Air Conditioning Group
P.O. Box 780, Johnstown, Pa. Phone: 35-5811.
Branch Factories: Duncansville, New Castle, Middletown, Pa.; Geneva, Oswego, N. Y.; Trenton, N. J.; Colton, Calif.; Chattanooga; Jonesboro, Ark.; Miami, Okla.
R. E. Casner, v. p.; A. K. Tinker, mktg. dir.; J. U. Mason, sales mgr., air cond. & refrig. div.
Air conditioning; baseboard radiation; boilers; air handling units; unit heaters; furnaces, forced air; condensers; plastic pipe; heat pumps; plumbing fixtures and ceramic ware.

Crane Co., Plumbing, Heating, Air Conditioning Group, Air Conditioning & Refrigeration Div.
Miami, Okla.
R. E. Casner, v. p. & gen. mgr.-PHAC group; A. K. Tinker, dir.-mktg. PHAC group; J. U. Mason, gen. sales mgr., Miami Products Div.
Residential, commercial, institutional air conditioners, packaged and assembled; water boilers and warm air furnaces.
Trade Names: Capitolaire; National-U. S.; Miami-General; Sunnyland.

Crane Packing Co.
6400 Oakton St., Morton Grove, Ill.
Phone: YO. 6-6400.
Branch Factories: Houston, Texas; N. Hollywood, Calif.; Hamilton, Ont., Can.
K. V. Rohlen, pres.; C. E. Schmitz, exec. v. p.; V. E. Vorhees, v. p.-sales; B. H. Stenberg, v. p.-mfg.; F. G. Hudson, Jr., adv. mgr.; Victor Grogleth, pur. agt.; Walter Keuer, export mgr.
Gaskets; shaft seals; sealing compounds; packings.
Trade Name: John Crane.

Crawford Compressor Service
1462 Harbor Ave., Long Beach 13, Calif.
Phone: HEmlock 6-2040.
T. B. Crawford, pres.; Margaret P. Crawford, v. p.
Refrigeration and air compressor rebuilding and assembly of complete units. Equipment to duplicate parts on obsolete models.

Creamer Industries, Inc.
P.O. Drawer 230, 3209 Galvez Ave., Fort Worth 1, Texas. Phone: ED. 6-4831.
R. W. Creamer, pres.; H. V. Price, exec. v. p.; E. P. Hamm, v. p.; Leah K. Creamer, treas.; Della R. Harlow, secy.
Ducts and fittings.

Creamery Package Mfg. Co., The
1243 W. Washington Blvd., Chicago 7, Ill.
Phone: HAymarket 1-4222.
Subsidiary of: St. Regis Paper Co.
Branch Factories: Fort Atkinson and Lake Mills, Wis.; DeKalb and Arlington Heights, Ill.
G. E. Wallis, bd. ch.; E. B. Lehrack, pres.; J. L. Brazee, v. p.-sales; C. Y. McCown, v. p.-pur.; L. M. Mommsen, v. p.-prod.; A. H. Wakeman, v. p.-research & engrg.; H. J. Kerr, dir. of branch operations; F. G. Jones, adv. mgr.; L. Buehler, chief refrig. engr.
Milk cooling tanks; conveyors; pumps; freezers; ammonia compressors.
Trade Name: MilKeeper.

Crescent Metal Products, Inc.
12711 Taft Ave., Cleveland 8, Ohio.
Phone: ULster 1-6800.
G. T. Baggott, pres.; N. Kreeger, sales coord.; Paul Goldman, adv. mgr.; H. McCarthy, pur. agt.
Mobile food service refrigerator.
Trade Name: Cres-Cor.

Crescent Tool Co.
200 Harrison St., Jamestown, N. Y. Phone: 7926.
C. H. Stephens, pres.; S. F. Jones, v. p.-sales; A. Sheridan, adv. mgr.; J. R. Henderson, pur. agt.; H. G. Westbrook, factory mgr.
Hand tools.
Trade Names: Crestoloy; Crestolock; Crestogrip; Cee Tee Co.

Croll-Reynolds Co., Inc.
751 Central Ave., Westfield, N. J.
Phone: ADams 2-4200.
Branch Factories: Weatherly, Pa.; Teterboro, N. J.
D. H. Jackson, pres.; S. W. Croll, Jr., v. p. & treas.; J. T. Reynolds, v. p. & chief engr.; R. L. Tracy, sales engr.; C. D. Van Duzer, pur. agt.; B. A. Church, factory mgr.
Industrial water chillers; steam jet cooling systems.
Trade Name: Chill-Vactor.

Crown Industrial Products Co.
713 Amsterdam St., Woodstock, Ill.
Phone: FEderal 8-1900.
M. A. Buettell, pres.; E. T. Juday, v. p.; L. W. Baack, secy.; L. C. Becker, treas.; J. W. Lobdell, gen. mgr.; Dean Yetter, pur. agt.
Motor repair shop equipment; chemical aerosol line.

Crucible Steel Co. of America
P.O. Box 88, Pittsburgh 30, Pa.
Phone: CApital 7-7000.
Plants: Pittsburgh; Midland, Pa.; Syracuse, N. Y.; Harrison, N. J.; E. Liverpool, Ohio; E. Troy, Wis.; Fullerton, Calif.
Joel Hunter, pres.; L. L. Ferrall, exec. v. p.; G. W. Stamm, v. p.-sales; M. J. Day, v. p.-com'l; M. Stumm, dir. information services; L. J. Murphy, mgr. com'l serv.; R. O. Bridge, dir. pur.; B. L. Jones, chief engr.; E. J. Kolb, export mgr.
Specialty steel products; alloy and stainless steel; tool and die steels; titanium and vacuum melted metals.
Trade Names: Rex*; Hy-Tuf*; Maxel*; Maxeloy*; Rexweld*; Trentweld*; Ferrovac*.

Cullman Products Corp.
Cullman, Ala. Phone: RE. 4-4921.
Subsidiary of: The Serrick Corp.
C. McGraw, gen. mgr.; G. Hinckley, sales mgr.; E. Blocher, plant mgr.
Metal moldings and trim, frame assemblies; aluminum anodizing; stainless and aluminum fabricating.

Cuno Engineering Corp.
80. S. Vine St., Meriden, Conn.
Phone: BEverly 7-5541.
Subsidiary of: American Machine & Foundry Co.
Roy Scott, pres.; C. H. Winslow, exec. v. p.; Alfred Kroll, v. p.-mfg.; Philip Ricciardi, v. p. & treas.; J. E. Duff, v. p.-mktg.; W. Holder, ind. sales mgr.; J. Creske, mgr., consumer prod. div.
Filters—domestic, commercial, and industrial.
Trade Names: Micro-Wynd; Micro-Klean; Micro-Screen; Poro-Klean; Auto-Klean; Super Auto-Klean; Flo-Klean; Aqua-Pure.

Curtis Development & Mfg. Co.
3294 N. 33rd St., Milwaukee 16, Wis.
Phone: HIlltop 5-1817.
H. C. Curtis, pres.; H. V. Maurer, exec. v. p. & pur. agt.; R. E. Miller, v. p. & sales mgr.; H. S. Phelps, v. p. & chief engr.; T. F. Leskosek, asst. sales mgr.
Connectors, control panels and boards.
Trade Name: CDM.

Curtis Mfg. Co.
1905 Kienlen Ave., St. Louis 33, Mo.
Phone: EV. 3-1300.
E. J. Steger, v. p. & gen. mgr.; H. C. Morrison, v. p.-air cond. & refrig. div.; H. J. Nettler, asst. sales mgr.; H. E. Smith, adv. mgr.; E. B. Boub, pur. agt.; C. D. Sarles, chief engr.
Liquid chillers; commercial and residential cooling systems; air handling units; cooling towers; condensing units and condensers.

Custom-Aire Products Div.,
Pacific Industries, Inc.
600 Indiana St., San Francisco, Calif.
Phone: VAlencia 6-7171.
Branch Factories: San Francisco, San Carlos, Santa Ana., Calif.; Hannibal, Mo.
J. M. Baeza, pres.; E. G. Weed, sales mgr.; J. W. Trimm, controller; W. H. Rose, pur. agt.; B. Finney, chief engr.
Gas fired forced air furnaces, recessed wall heaters, air conditioning.

Custom Molding Div.,
Chicago Molded Products Corp.
1020 N. Kolmar Ave., Chicago 51, Ill.
Phone: DI. 2-9000.
J. J. Bachner, pres.; J. E. Johnston, v. p. & div. mgr.; Tony Czarnecki, div. sales mgr.; F. F. Klingenmeir, pur. agt.
Custom plastic molding of products and components.
Trade Name: Campco.

Cutler-Hammer, Inc.
504 N. 12th St., Milwaukee 1, Wis.
Phone: BRoadway 1-7800.
Branch factories: Los Angeles; San Francisco; Lincoln, Ill.
Philip Ryan, pres.; J. C. Borden, v. p. & controller; E. B. Fitzgerald, v. p.-engrg.; E. S. Mathiesen, v. p.-mfg.; J. M. Cook, v. p.-mktg.; R. A. Millermaster, v. p.-develop.; L. P. Niessen, adv. mgr.; F. A. Wright, pur. agt.; P. C. Foote, pres., C-H Int.
Unit thermostats, electric and electronic controls; electrical supplies; motor starters.
Trade Names: Prestest*; Roto-Push*; C-H.

Cyclo-Freez Corp.
6318 Cambridge, Minneapolis 16, Minn.
Phone: WE. 9-6794.
M. L. Fergestad, pres.; J. M. Olsen, mgr.
Fractional horsepower electric motors, blowers, and accessories.
Trade Name: Redmond.

D

D & D Truck Refrigeration
1313 Potrero, So. El Monte, Calif.
Phone: GIlbert 4-6886.
A. P. Oliveras, gen. mgr.
Mobile refrigerated trucks, catering trucks and campers.
Trade Name: Kol Power.

Dairy Equipment Co.
1444 E. Washington Ave., Madison, Wis.
Phone: CHerry 4-1336.
Branch Factories: Hartford, Wis.; Madison, Wis.
C. K. Albrecht, pres.; K. S. Hart, v. p.; L. Q. Brictson, v. p. & gen. sales mgr.; F. R. Lathers, adv. mgr.; H. R. Smith, pur. agt.; Jack Quee, chief engr.; H. L. Aust, factory mgr.; A. J. Schaefer, service mgr.; J. K. Klienfelter, traffic mgr.
Can and bulk milk coolers; bulk milk pick-up truck tanks and transports; egg coolers.
Trade Names: Dari-Kool*; Kari-Kool*; EggKool; DEC.

Dalkin Co.,
Div. of American Machine & Foundry Co.
3232 N. Kilpatrick Ave., Chicago 41, Ill.
Phone: AVenue 3-5710.
R. W. Walker, gen. mgr.; G. F. Brummett, sales mgr.; D. Goldman, pur. agt.; V. J. Phillips, plant mgr.; R. E. Coleman, nat'l service mgr.
Manually operated bulk dispensers.
Trade Names: ADCO; AMF-Aristocrat.

Dalton Foundries, Inc., The
Warsaw, Ind.
Castings; compressor crankcases and shafts.

Dalweld Co., Inc.
13 Bertel Ave., Mt. Vernon, N. Y.
Phone: Mount Vernon 4-8698.
Branch Factory: Milwaukee.
J. L. Robinson, pres.; G. Lueders, gen. mgr.; D. Sussman, mdse. mgr.; J. Roth, pur. agt.
Welding supplies, silver solder, brazing alloys.
Trade Name: Surebraze.

Danfoss, Inc.
115 Dell Glen Ave., Lodi, N. J.
Phone: PRescott 7-2322.
T. H. Ford, exec. v. p. & gen. mgr.; G. Thulin, product engr.-controls; V. Valbjorn, product engr.-compressors.
Compressors and automatic controls.

Dart Union Co.
134 Thurbers Ave., Providence 5, R. I.
Phone: WIlliams 1-1330.
Branch Factory: Toronto, Ont., Can.
G. S. Champlin, pres.; J. Collamore, 1st v. p.; F. H. Knight, gen. mgr.; M. L. Goff, secy.
Malleable iron unions and union fittings.

Davidson Fan Co.
213 California St., Newton, Mass.
Phone: BIgelow 4-1375.
E. F. Patterson, treas.; J. F. Snow, sales mgr.; R. E. Mabey, pur. agt.
Power roof ventilators.
Trade Name: Hyduty.

Davis Emergency Equipment Co., Inc.
45 Halleck St., Newark 4, N. J.
Phone: HUmboldt 2-3660.
F. R. Davis, Sr., bd. ch.; F. R. Davis, Jr., pres. & adv. mgr.; F. Taylor, Jr., v. p.; C. W. Freeman, pur. agt.; M. J. Schaeffer, chief engr.; D. S. McGowan, factory mgr.; C. McCherry, serv. mgr.
Gas masks; leak detectors; gas analyzers.

Davis Engineering Div. of
Tube Reducing Corp.
520 Main Ave., Wallington, N. J.
Phone: PRescott 7-3700.
W. F. Martin, pres.; R. L. Tannehill, v. p.-sales; E. P. McMahon, pur. agt.; K. W. Donle, plant mgr.

Heat exchangers.
Trade Name: Paracoil.

Davis Products Co.
2220 S. 11th St. Rd., Niles, Mich.
Phone: MU. 3-2300.
Branch Factory: Clarksville, Texas.
H. C. Davis, pres.; Anarose Davis, exec. v. p.; G. Jacobson, pur.; S. Baker, chief engr.; H. C. Davis, Jr., secy. & factory mgr.
Refrigerator-range-oven-sink combinations.

Dawson Metal Products, Inc.
1529 Barwise, Wichita, Kan. Phone: FO. 3-9992.
R. W. Dawson, pres. & sales mgr.; E. A. Dawson, secy.-treas.
Return bends, copper fittings, and manifolds.

Day & Night Mfg. Co.
855 Anaheim-Puente Rd., La Puente, Calif.
Phone: CUmberland 3-6611.
Branch Factory: Chicago.
W. J. Bailey, pres.; R. A. Tritten, v. p.; F. Spratt, gen. sales mgr.; E. L. Weisenberg, product sales mgr.; R. McDonald, sales prom. mgr.; W. Nagy, pur. agt.; J. Hollingsworth, chief engr.; P. Schoerner, plant mgr.
Residential and commercial heating and air conditioning.
Trade Name: Duopac*.

Daystrom, Inc., Weston Instruments Div.
614 Frelinghuysen Ave., Newark, N. J.
Phone: BIgelow 3-4700.
C. B. Denton, adv. mgr.
Indicating and controlling instruments.

Dayton Electric Mfg. Co.
126 S. Oakley Blvd., Chicago 12, Ill.
Phone. SE. 8-3879.
W. W. Grainger, pres.; R. M. Francis, mdse. v. p.
Fans, motors, compressors, pumps, power plants, power tools.
Trade Names: Speedaire; Teel; Demco; Dem-Kote.

De-Tec-Tronic Corp.
2512 N. Halsted St., Chicago, Ill.
Phone: EA. 7-3962.
R. H. Hazle, pres.; R. E. Schuyler, v. p.
Industrial photo electric and electronic controls.

Deady Chemical Co.
1401 Fairfax Trwy., Kansas City 15, Kan.
Phone: MAyfair 1-3569.
Branch Factory: Los Angeles.
H. A. Malley, Jr., pres. & treas.; R. J. Malley, v. p. & secy.
Water treatment chemicals for industry.
Trade Names: Mempo; Resinew.

Dean Products, Inc.
1042 Dean St., Brooklyn 38, N. Y.
Phone: STerling 9-5400.
M. Raskin, pres.; Rubin Raskin, exec. v. p. & sales mgr.; W. Raskin, mgr. refrig. div.; D. Giannetti, pur. agt. & export mgr.; W. Ehrlich, chief engr.; L. Raskin, factory mgr.
Liquid coolers; locker room sharp freezers; truck refrigeration units; evaporators; plate coils and refrigerated shelving.
Trade Names: Snopan*; Colplate*; Econobank*; Steempan*; Panelcoil*; Snoplate*.

Dearborn Chemical Co.
Merchandise Mart, Chicago 54, Ill.
Phone: WH. 4-3273.
Branch Factory: Lake Zurich, Ill.
R. A. Carr, bd. ch.; R. F. Carr, pres.; A. L. Johnson, v. p. & gen. mgr.; W. F. Johnson, gen. sales mgr.; J. F. Wilkes, research dir.
Water treatment chemicals and protective coatings.
Trade Names: Filmeen; Super Filmeen; Dearcide; Aqua-Serv; No-Ox-Id.

Dearborn Stove Co.
1700 W. Commerce St., Dallas, Texas.
Phone: RI. 7-7741.
Branch Factory: San Carlos, Calif.
R. H. Norris, pres.; C. D. Allison, exec. v. p.; E. S. Kleinmann, v. p.-sales; C. E. Struwe, treas.; V. Bingham, adv. mgr.; M. S. Gamble, pur. agt.; W. A. Marshall, chief engr.; R. Hoskins, factory mgr.; J. Loter, service mgr.
Evaporative coolers; gas central heating; gas area heaters; barbecue cookers; hot water heaters.

DeBothezat Fans Div.,
American Machine & Metals, Inc.
East Moline, Ill. Phone: 755-4561.
C. W. Anderson, pres.; I. N. Becker, exec. v. p.; J. S. Swennumson, v. p.; Ray Bouslough, gen. sales mgr.; N. J. Clark, pur. agt.; R. L. Hull, chief engr.; J. T. Falberg, factory mgr.
Industrial ventilation equipment.
Trade Names: Bifurcator; Hy-V; Power-Flow.

Decatur Pump Co.
2750 Nelson Park Rd., Decatur, Ill.
Phone: 429-4388.
A. W. Burks, bd. ch.; L. E. Duncan, pres.; M. E. Tolly, exec. v. p. & pur. agt.; L. P. Friske, dir. of sales; R. E. Reeves, v. p.-engrg.; L. W. Evans, service mgr.
Pumps and water systems, industrial and domestic.
Trade Name: Burks.

Dehydrosal Systems, Inc.
521 Fifth Ave., New York 17, N. Y.
Phone: YUkon 6-9340.
J. R. Miller, pres.; S. Miller, v. p.; H. F. Tucker, secy.; T. Drew, dir.
Hard water scale inhibitors.
Trade Name: DSI.

Delavan Mfg. Co.
811 Fourth St., West Des Moines, Iowa.
Phone: CR. 4-1561.
W. E. Safris, pres.; P. Tamasi, exec. v. p.; J. D. Hopkins, v. p.-sales; H. F. Rothwell, v. p.-engrg.; B. S. Goreham, secy.-treas. R. E. Keene, adv. mgr.
Nozzles and accessories.
Trade Name: Sonac.

Delco Appliance Div., General Motors Corp.
391 Lyell Ave., Rochester 6, N. Y.
Phone: CL. 4-4700.
P. H. Rutherford, div. gen. mgr.; J. T. Tighe, sales mgr.; H. M. Caulkins, adv. mgr.; J. F. Warren, sales prom. mgr.; R. R. Edelen, mkt. research mgr.; W. P. Blackmon, pub. rel. mgr.; P. R. McNellis, pur. agt.; V. H. Hardy, chief engr.; C. L. Bahbach, factory mgr.; R. T. Reddington, service mgr.
Commercial and residential air conditioners; residential furnaces, water heaters, and boilers, oil and gas; room thermostats; air filters.
Trade Name: Conditionair.

Delco Products Div., General Motors Corp.
329 E. First St., Dayton 1, Ohio.
Phone: BAldwin 2-0411.
Branch Factories: Dayton and Kettering, Ohio.
V. P. Blair, gen. mgr.; W. J. Wagner, gen. sales mgr.; G. F. MacFarland, asst. gen. sales mgr.; J. D. Hughes, sales mgr., FHP & hermetic motors; C. L. Holverstott, sales mgr., industrial motors; J. F. Howe, sales mgr., distributor sales; R. T. Collins, dir. of material & prod. control & pur.; M. Funkhouser, chief engr.; B. T. Olson, plants mgr.; R. O. Dehlendorf, service mgr.; D. L. Temple, pub. rel. mgr.
Electric motors, generators, and shock absorbers.

Deming Div. of Crane Co.
Salem, Ohio. Phone: ED. 7-8741.
W. F. Deming, gen. mgr.; R. F. Webber, sales dir.; G. B. Emeny, engrg. sales mgr.; R. L. Davis, sales mgr.; W. J. Morlan, compt.; G. E. Trisler, sales prom. mgr.; F. Limestahl, pur. agt.; P. R. Campanelli, export mgr.
Pumps and related accessories.

Dent Hardware Co., The
1102 Third St., Fullerton, Pa. Phone: CO. 4-0501.
H. T. Newhard, pres.; H. T. Newhard, Jr., v. p.; F. F. Renoll, sales mgr.; F. M. Stoudt, prod. mgr.

Hardware for the commercial refrigeration industry, marine hardware, custom hardware, and non-ferrous items.

Dersch, Gesswein & Neuert, Inc.
4849 W. Grand Ave., Chicago 39, Ill.
Phone: BE 7-6020.
H. W. Neuert, pres.; W. F. Neuert, Jr., v. p. & sales mgr.; H. W. Neuert, Jr., pur. agt.; P. C. Neuert, chief engr. & factory mgr.
Industrial refrigeration equipment.
Trade Name: Wolf-Linde.

Detroit Stamping Co.
350 Midland Ave., Detroit 3, Mich.
Phone: TOwnsend 8-5080.
G. H. Roberts, pres.; H. C. Robeson, v. p.-sales; H. S. McMillan, sales mgr.-stampings; C. W. Hoppe, sales mgr.-finished prod.; J. M. Thullen, pur. agt.; R. E. Kreger, chief engr.; D. J. Damm, factory mgr.
Stampings; compressor valves; valve plates and reeds; blower housings for air conditioners.
Trade Name: De-Sta-Co.

DeVilbiss Co., The
300 Phillips Ave., Toledo 1, Ohio.
Phone: GReenwood 4-5411.
Branch Factory: Metal Fabricators Div., Detroit.
H. P. DeVilbiss, pres.; J. M. Robinson, exec. v. p.; H. M. Kidd, v. p., spray equipment sales; E. J. Etzel, v. p.-pur.; D. V. Perry, mgr. jobber sales; D. L. Bohon, mgr., industrial sales.
Air washers; compressors; dust collectors; fan assemblies, complete; nozzles, spray; tools—spray guns.

DeZurik Corp.
Sartell, Minn. Phone: BL. 1-0221.
David DeZurik, sales dir.
Valves.
Trade Name: Eccentric.

Dial Thermometer Div. of Marshalltown Mfg., Inc.
710 S. Twelfth Ave., Marshalltown, Iowa.
Subsidiary of: The Electric Autolite Co.
J. M. Considine, pres.; G. Williams, v. p.; R. C. Padesky, gen. mgr.; J. W. Desmond, sales office mgr.
Dial indicating and recording thermometers.

Dialatemp, Inc.
7100 So. Grand Ave., St. Louis 11, Mo.
Phone: VErnon 2-7505.
R. E. Keller, pres.
Industrial packaged air conditioners, air cooled and water cooled, 15 to 100 tons; roof top units, for product cooling and air conditioning; air-cooled models—8 to 30 tons; water cooled—15 to 60 tons; water chillers, 15 tons through 150 tons.
Trade Names: Dialaire*; Pentatemp*; FluidPak*.

Dialight Corp.
60 Stewart Ave., Brooklyn 37, N. Y.
Phone: HYacinth 7-7600.
R. E. Greene, sales & adv. mgr.
Pilot light assemblies, indicator lights, lamps (small); multiple lamps, indicators for switchboards, etc.; transistorized neon indicator lights.
Trade Names: Dialco*; Datalites*; Data Strip*; Data Matrix*; Tele-Strip*.

Diamond Tool & Horseshoe Co.
4702 Grand Ave., Duluth 7, Minn.
Phone: MA. 4-4858.
John Swanstrom, pres. & treas.; J. F. Cooper, Jr., v. p. & sales mgr.
Adjustable wrenches, combination slip joint and joint pliers, electrician pliers, tinner snips.
Trade Name: Diamalloy.

Dick Co., Inc., R. & J.
Minnisink Rd. & Furler St., Totowa, N. J.
Branch Factory: Muscatine, Iowa.
Robert Reid, pres.; Robert Reid, Jr., v. p.; E. P. McKenna, v. p.; K. A. Cook, secy.-treas.
Mechanical power transmission and conveying equipment.
Trade Names: Dixylon; Dixlink; Dickbelt; Dickrope; Torque Wedge.

Diehl Mfg. Co.
1220 Finderne Ave., Somerville, N. J.
Phone: RA. 5-2200.
Numerical control, industrial & domestic fans, automatic tension control, power transmitters, craftsman power tools.

Dietz Co., Inc., The Henry G.
12-16 Astoria Blvd., Long Island City 2, N. Y.
Phone: RA. 6-3347.
H. G. Dietz, pres.; Lena Dietz, v. p.; M. Pheasey, sales mgr. & pur. agt.; H. Dietz, chief engr.
Controls, electric, mechanical, and electronic.

Diveo Truck Div., Diveo-Wayne Corp.
22000 Hoover Rd., Detroit 5, Mich.
Phone: JE. 6-5050.
M. V. Downing, div. operation mgr.; D. K. Cox, sales mgr.; E. Lubinski, pur. agt.; W. R. Chapman, chief engr.
Multi-stop refrigerated trucks and truck bodies.
Trade Names: Dividend; Snub-Nose.

Dixon Crucible Co., Joseph
Wayne and Monmouth St., Jersey City, N. J.
Phone: DElaware 3-3000.
F. G. Atkinson, bd. ch. & pres.; R. C. Brock, v. p.-ind. sales; Ralph Rathyew, ind. sales mgr.
Refractories, graphite, industrial paints, lubricants.

Dodge Fibers Corp.
Hoosick Falls, N. Y. Phone: 1080.
C. E. Dodge, Jr., pres.; W. A. Petitt, technical sales mgr.; S. W. Dickey, distributor sales mgr.; W. McMartin, treas.; D. Geer, III, adv. mgr.
Coated glass fabrics, tapes, belts, and adhesive tapes, extruded tapes.
Trade Name: Fluorglas*.

Dodge Mfg. Corp.
Mishawaka, Ind. Phone: BLackburn 9-2421.
Branch Factories: Chicago; Charlotte, N. C.; Dallas; Los Angeles; Portland; New York City; Pittsburgh; San Francisco.
J. A. MacLean, pres.; C. Petersen, exec. v. p.; F. Ebeling, v. p.-sales; D. Firth, v. p.-engrg.; R. Hanes, adv. & sales prom. mgr.; D. Saunter, dir.-production & pur.; E. Rhodes, pur. agt.; J. Chung, chief engr.; C. Shank, factory mgr.; C. F. Burns, service mgr.
Power transmission equipment.
Trade Names: SLP; SC; SCM; Spher-Align; Sleevoil*; Sealed-Life; Taper-Lock*; Para-flex*; Dyna-V*; Flexidyne*.

Doerr Electric Corp.
510 N. Fourth Ave., Cedarburg, Wis.
Phone: DR. 7-0500.
Branch Factory: Burr Oak, Mich.
L. A. Doerr, pres.; Emmett Doerr, v. p.; J. H. Park, sales & adv. mgr.; Ed Doerr, pur. agt.; H. E. Ellis, chief engr.; E. J. Baumann, factory mgr.; R. J. Dunn, service mgr.
Electric motors.

Dole Refrigerating Co.
5910 N. Pulaski Rd., Chicago 46, Ill.
Phone: IR. 8-3442.
Branch Factory: Oakville, Ont., Canada.
E. J. Tweed, bd. ch. & pres.; B. P. Tweed, asst. to pres.; O. L. Rose, v. p.; J. E. Hutchinson, sales mgr.; H. C. Hill, pur. agt.; W. E. Lauterbach, chief engr.; J. Burge, appl. engr.; J. A. Weaver, plant mgr.; C. C. Ryan, export mgr.; R. F. Kempf, Canadian branch mgr.
Electric over-the-road truck refrigeration units; ice accumulator systems; holdover plate type evaporators; double contact food freezers; hot gas re-evaporators.
Trade Names: Cold-Cel; Truk-Cel; Ice-Cel; Heat-Cel; Freze-Cel; Lectro-Cel.

Dole Valve Co., The
6201 Oakton St., Morton Grove, Ill.
Phone: NI. 7-7100.

Branch Factory: Oakville, Ont., Can.
J. L. Dole, pres.; T. B. Chace, exec. v. p.; R. M. Ellis, v. p.-sales; J. K. Lund, v. p.-research & dev.; F. Byrne, v. p.-mfg.; L. Jones, v. p.-pur.; J. J. Goodwillie, v. p.-dir. of field sales; R. L. Long & J. F. Lund, product sales mgrs.; G. E. Veino, adv. mgr.
Valves; automatic controls.

Dollinger Corp.
Rochester 3, N. Y. Phone: BAker 5-9405.
L. L. Dollinger, Jr., pres.; F. L. Dollinger, exec. v. p. & gen. mgr.; J. B. Dollinger, v. p.; R. P. Thomsen, sales mgr.; Roy Francis, mgr. ventilation filters; R. A. Maloney, sales prom. mgr.; J. Corcoran, asst. v. p.-pur.; J. Hart, chief engr.
Industrial and ventilation filters.
Trade Names: Staynew; Protectomotor.

Dover Corp., Peerless Mfg. Div.
1400 W. Ormsby Ave., Louisville 1, Ky.
Phone: 636-3711.
T. D. Bromley, pres.; R. B. Stone, v. p.-sales; H. B. Byrd, sales mgr.-gas htg. dept.
Room heaters, duct furnaces, unit heaters, wall furnaces and bathroom wall heaters.

Dow Chemical Co., The
Midland, Mich. Phone: MElrose 6-1000.
Branch Factories: Bay City, Ludington, Mich.; Pittsburg, Seal Beach, Torrance, Calif.; Allyn's Point, Conn.; Ironton, Ohio; Plaquemine, La.; Madison, Ill.; Freeport, Texas.
Insulation, expanded polystyrene foam; chemicals and plastics.
Trade Names: Styrofoam; Chlorothene; Dowex; Styron; Tyril; Polyfilm.

Dowagiac Steel Furnace Co.
109 Beeson St., Dowagiac, Mich.
Phone: STate 2-2121.
G. D. Woodhouse, pres.; M. F. Smith, v. p.; F. N. Parker, sales mgr.; Robert Abshagen, pur. agt.; M. C. Fletcher, chief engr.
Air Conditioning—heating and cooling; furnaces for gas-oil-coal (gravity and forced air).
Trade Names: Urbanite; Hi-Boy; Mighty Midget; Arrow; Chief; Golden Warrior.

Dracco Div., of Fuller Co.
Harvard Ave. & E. 116th St., Cleveland 5, Ohio.
Phone: VUlcan 3-7000.
G. E. Gieseler, pres.; H. W. Gaeckle, v. p. & gen. mgr.; G. Schneider, v. p.-engrg.; R. T. Pring, mgr. dust collector sales; R. E. Metzger, chief engr.
Dust collector systems, pneumatic conveyor systems, industrial fans.
Trade Names: Airstream Conveyor; Multi-Bag Filter; Whirl-Clones; Uni-Filter.

Drake Mfg. Co.
4626 N. Olcott Ave., Chicago 31, Ill.
Phone: UN. 7-7227.
H. K. Foute, pres. & treas.; Jack Krutek, v. p.; Melvin Klingenberg, secy.; R. C. Hempel, pur. agt.
Indicator lights; lampholders; lampholders wired.
Trade Names: Econoglo; Mineon; Tinylite; Flushlite; Postlite; Titelite.

Dravo Corp., Engineering Works Div.
Neville Island, Pittsburgh 25, Pa.
Phone: SPaulding 1-1200.
C. B. Jansen, bd. ch.; W. E. Clark, pres.; R. W. Marvin, v. p. & gen. mgr.; C. E. Snyder, mgr., heater sales; G. J. Newhams, adv. mgr.; R. L. Quasey, pur. agt.
Space and unit heaters.
Trade Names: Counterflo; Paraflo; Directflow.

Drayer-Hanson, Div. of
Hi-Press A.C. of America, Inc.
3301 Medford St., Los Angeles 63, Calif.
Phone: AN. 9-0321.
S. S. Price, gen. mgr.; I. B. Secord, natl. sales mgr.; C. Hasenstab, pur. agt.; W. G. Keichline, chief engr.
Air conditioning, refrigeration, and heat exchange equipment.
Trade Names: Spotaire; Flexazone; HCD; Hot Shot; Fiocold; Spasaver; Perma-Fan; Cal-Fin.

Dreis & Krump Mfg. Co.
7400 S. Loomis Blvd., Chicago 36, Ill.
Phone: TRiangle 4-1200.
A. J. DeWolf, pres. & treas.; G. A. Winkler, secy. & admn. mgr.; R. W. Johnson, gen. sales mgr.; George Rohrscheib, chief engr.; John Hartford, plant supt.; Emmett McCarthy, personnel mgr.
Sheet metal fabricating machinery.
Trade Name: Chicago.

Drico Industrial Corp.
100 Eighth St., Passaic, N. J.
Phone: GR. 3-4221-2.
Amos Eno, bd. ch. & pres.; E. F. Hansen, v. p. & gen. mgr.; Louis Putter, sales mgr.; C. B. Sparger, secy.-treas.; Werner Koburger & Louis Brizzolara, asst. secy.; J. R. Strata, prod. mgr.
Fiberglass disposable air filters.
Trade Names: Filtrex; Trimtex.

Dryden Rubber Div., Sheller Mfg. Corp.
(See Sheller Mfg. Corp.)

Drying Systems Co.
1800 Foster Ave., Chicago 40, Ill.
Phone: AR. 1-9100.
B. A. Russell, pres.; R. H. Burgess, v. p. & mgr. air cond.; S. R. Kouba, v. p. & pur. agt.; L. F. McCue, gen. mgr.
Refrigeration and air conditioning.
Trade Name: Cool Heat®.

Dryomatic Corp.
715 N. Fayette St., Alexandria, Va.
Phone: KIng 9-3060.
A. Hass, pres.; P. L. Smith, v. p.; C. E. Wells, factory mgr.
Dehumidifiers.
Trade Name: Drymaster.

du Pont de Nemours & Co., Inc., E. I.
Wilmington 98, Del. Phone: PRospect 4-1000.
W. S. Carpenter, Jr., bd. ch.; C. H. Greenwalt, pres.
Electrochemicals Dept.
Plants: Niagara Falls, N. Y.; Perth Amboy, N. J.; Memphis.
R. B. K'Burg, sales dir.; J. Swajeski, adv. mgr.; B. A. Weimer, export mgr.
Ceramic, vinyl and electroplating products.
Fabrics & Finishes Dept., Finishes Div.
Plants: South San Francisco, Calif.; Chicago; Fort Madison, Iowa; Everett, Mass.; Flint, Mich.; Parlin, N. J.; Toledo; Philadelphia; Tucker, Ga.
H. E. Goldsmith, mgr.-industrial sales.
"Freon" Products Div.
Plants: East Chicago, Ind.; Louisville, Ky.; Antioch, Calif.; Carneys Point, N. J.
P. J. Wingate, dir. of sales; J. E. Sly, adv. mgr.
Refrigerants, propellents, and solvents.
Industrial & Biochemicals Dept.
Plants: East Chicago, Ill.; Cleveland; Grasselli, N. J.; Ecorse, Mich.; Fortville, Ind.; Strang, Texas; Philadelphia; Wurtland, Ky.; Belle, W. Va.; Toledo; Bellwood, Va.; Cornwell Heights, Pa.; Miami Fort, Ohio.
Soldering fluxes.
Polychemicals Dept.
Plants: Orange, Texas; Victoria, Texas; Parkersburg, W. Va.
C. D. Bell, dir. sales; J. S. Taylor, adv. mgr.
Plastic molding materials.

Duc-Pac, Inc.
Baldwin St., East Longmeadow, Mass.
Phone: LAurel 5-3302.
R. F. Swett, pres.; J. A. Longmore, plant supt.
Prefabricated duct and fittings for warm air and air conditioning.

DuMont Emerson Corp.
680 Fifth Ave., New York, N. Y.
Phone: PL. 7-5885.

Branch Factory: Woodbridge, N. J.
Room air conditioners; dehumidifiers; heat pumps.
Trade Names: Kool Mount; Quiet Kool.

Dunham-Bush, Inc.
179 South St., West Hartford 10, Conn.
Phone: CHapel 9-8671.
Branch Factories: Michigan City, Ind.; Marshalltown, Iowa; Riverside, Calif.; Brewster, N. Y.; Toronto, Ont., Can.; Portsmouth, England.
C. Boling, pres.; J.A. Mulcahey, v. p.-sales; W. S. Browning, v. p.-htg. sales; F. T. Carney, v. p.-pur.; A. S. Decker, v. p.-engrg.; J. Jacobs, Jr., adv. mgr.; C. L. Babin, export mgr.; J. L. Roth, mktg. mgr.; G. J. Finck, product mgr., com'l refrig.; J. S. Gregory, product mgr., htg.; P. Dalton, mgr., sales training.
Unit coolers; product coolers; air-cooled condensers; evaporative condensers; cooling, heating coils; packaged air conditioning units; remote air conditioners; air handling and multizone units; baseboard and finned radiation convectors; vacuum and condensate pumps; centrifugal pumps; steam and hot water specialties; unit heaters; engineered heating systems.
Trade Names: Inner-Fin; Vari-Vac*; Vari-Flow*; Plasti-Cooler.

Dunhill Food Equipment Corp.
79 Walworth St., Brooklyn 5, N. Y.
Phone: MA. 5-4006.
Karl Pattermann, pres.; Carl Thaw, sales mgr.; Marvin Marcus, pur. agt.
Luncheonette equipment and soda fountains.

Dura-Vent Corp.
2525 El Camino Real, Redwood City, Calif.
Phone: EM. 8-2912.
Branch Factory: Louisville, Ky.
T. D. Bromley, pres.; A. A. Boutacoff, v. p. & gen. mgr.; J. H. Carr, chief engr.
Gas vent pipe and fittings.

Durez Plastics Div., Hooker Chemical Corp.
1943 Walck Rd., N. Tonawanda, N. Y.
Phone: NX. 3-1860.
Branch Factory: Kenton, Ohio.
J. C. Searer, gen. mgr.; J. W. Ferguson, gen. sales mgr.; C. R. Simmons, adv. mgr.; C. W. Selover, mgr.-pur.
Phenolic molding compounds and resins; diallyl phthalate molding compounds; polyester resins; polyurethane foam.
Trade Names: Hetron*; Hetrolac*; Hetrofoam*.

Duro Dyne Corp.
Route 110, Farmingdale, L. I., N. Y.
Phone: CH. 9-9000.
M. Hinden, pres.; S. Alter, v. p.; M. M. Gracer, secy.-treas.
Accessories and tools for sheet metal duct installation, spot welder.
Trade Names: Duro Vane; Drill Screws; Duct Screws; Metal Fab; Duro Blade Kit; Cheekmaster; Pinspotter.

Duro Metal Products Co.
2649 N. Kildare Ave., Chicago 39, Ill.
Phone: BE. 5-5000.
W. H. Odlum, pres.; M. M. Tveter, v. p.; R. E. Behlen, sales mgr.; L. Hadley, asst. sales mgr. & adv. mgr.; H. Funk, pur. agt.; R. Holt, chief engr.; E. Sladek, factory mgr.
Hand tools.
Trade Name: Duro-Chrome.

Dwyer Mfg. Co., F. W.
P.O. Box 373, Michigan City, Ind.
Phone: TRiangle 2-9141.
F. W. Dwyer, bd. ch. & pres.; J. G. Dwyer, exec. v. p. & sales mgr.; J. McKeague, adv. mgr.; J. Cockshott, pur. agt.; P. W. Dwyer, chief engr.; A. L. Jacobs, export mgr.
Gauges and instruments.
Trade Names: Slack Tube; Magnehelic*.

Dwyer Products Corp.
Calumet St., Michigan City, Ind.
Phone: TR. 4-5236.
L. P. Dwyer, Jr., pres.; F. C. Boese, exec. v. p.; D. D. Sweney, v. p.; R. Van Vlack, v. p.; W. B. Myers, adv. mgr.; J. E. Cruse, pur. agt.
Compact kitchens and snack bars.

Dyfoam Corp.
202 E. Cherry St., New Castle, Pa.
Phone: OL. 4-7721.
Branch Factories: New York City; Pittsburgh.
Erling Berner, pres.; L. R. Shiner, asst. to pres.
Plastic foam insulation.
Trade Name: Deckmate.

E

Eagle Machine & Tool Co.
1240 Randall Ave., Bronx 59, N. Y.
Phone: KI. 2-6868.
Ludwig Schmitt, partner; Carl Kaltenbach, partner.
Continuous ice cream freezers.

Eagle-Picher Co., The
American Bldg., Cincinnati 1, Ohio.
Phone: PArkway 1-7010.
Branch Factory: Joplin, Mo.
T. S. Shore, pres.; W. R. Dice, v. p.; H. F. Nunn, v. p.-insulation div.; W. D. Myers, sales mgr.; W. F. McCarthy, adv. mgr.; A. L. Jones, factory mgr.
Insulation; insulation adhesives.

Eastern Fabricating Co., Inc.
539 Cornwall Ave., Buffalo 15, N. Y.
Phone: TF. 4-4513.
R. T. McClive, gen. mgr.
Fiberglass insulations, fabricated and die-cut nonmetallic soft good component parts.

Eastern Industries, Div. of Laboratory For Electronics, Inc.
100 Skiff St., Hamden 14, Conn.
Phone: CH. 8-3841.
Branch Factories: Newton, Mass; Norwalk, Conn.
E. D. Stirlen, pres.; J. J. Ivers, v. p.; J. Wilkins, v. p.; J. Oestreicher, treas.; H. W. Whitaker, sales mgr.; W. Schwanfelder, asst. sales mgr.; H. W. Stirlen, adv. mgr.; C. Phillips, pur. agt.; M. L. Engstrom, chief engr.; D. L. Schonwald, plant mgr.
Water and sump pumps (centrifugal type).

Eastern Stainless Steel Corp.
P.O. Box 1975, Baltimore 3, Md.
Phone: 288-2000.
J. M. Curley, bd. ch. & pres.; J. M. Curley, Jr., exec. v. p.; R. C. Cunningham, v. p.-sales; D. B. Ellison, gen. sales mgr.; W. T. Swomley, secy.-treas.; E. J. Thon, pur. agt.
Stainless steel: sheets, plates, strip, coils, and floor plate.
Trade Names: Super Diamond; ES; 100 Grit; 321 SW; French Finish; Super French Finish.

Eastman Chemical Products, Inc.
Subsidiary of: Eastman Kodak Co.
Kingsport, Tenn. Phone: CIrcle 6-2111.
H. L. Ford, pres.; S. E. Palmer, 1st v. p.; D. C. Williams, v. p.; E. C. Cathcart, sales mgr.; D. C. Guthrie, adv. mgr. (New York City).
Cellulosic, polyethylene, and polypropylene plastics.
Trade Name: Tenite.

Easton R.S. Corp.
4907 Farragut Rd., Brooklyn, N. Y.
Phone: NA. 9-0920.
J. F. Mateson, pres.; J. A. Cherry, v. p.; J. M. Mateson, secy.-treas.
Odor controllants and adsorption units and compounds; anti-biotic air sprays and compounds; fume controllants; anti-corrosion chemicals and sprays.
Trade Names: Eastonair; Odozone; Airicidin; Water-Skipper.

Eaton Mfg. Co., Foundry Div.
700 E. Huron Ave., Vassar, Mich.
Phone: TA. 3-2311.
G. R. Frye, gen. mgr.; U. E. Garlick, sales engr.; F. J. Karam, sales analyst; W. R. Peterhons, pur. agt.; H. U. McClelland, chief engr.
Permanent and shell molded gray iron castings.

Eaton Mfg. Co., Heater Div.
East 65th St. & Central Ave., Cleveland 4, Ohio.
Phone: HE. 1-0500.
R. F. Gamundi, gen. mgr.; H. C. Simons, sales mgr.; C. E. Janes, pur. agt.; L. R. Cervenik, factory mgr.; W. E. Sala, mgr. after-mkt. prod.
Automotive heaters, air conditioners, clutches.

Ebco Mfg. Co., The
265 N. Hamilton Rd., Columbus 13, Ohio.
Phone: 235-2351.
A. R. Benua, pres.; L. P. Benua, exec. v. p.; T. R. Benua, v. p.; L. C. Love, sales mgr.; E. G. Pierce, adv. mgr.
Coolers, dehumidifiers, juice dispensers.
Trade Names: Oasis; Kelvinator; Aquarius; Aqua-Bar.

Ebert Electronics Corp.
212-26 Jamaica Ave., Queens Village 28, N. Y.
Phone: SPruce 6-1800.
L. Mitchell, pres. & pur. agt.; V. Horowitz, sales mgr. & adv. mgr.; S. Salinger, asst. sales mgr.; S. Pressman, chief engr.; W. Cassell, factory mgr.
Mercury plunger relays.
Trade Names: Minirelay*; Micrelay*.

Econo Products Co., Inc.
E. Haddam, Conn. Phone: TR. 2-8643.
A. C. Davis, pres.; J. F. Glump, v. p.; W. L. Linderson, secy.-compt.; G. Ryczek, pur. agt.
Air heating and cooling zone controls.
Trade Name: Zone-A-Trol.

Eddington Metal Specialty Co.
3088 Bristol Pike, Eddington, Pa.
Phone: ME. 9-3600.
Stanley Czarnecki, W. V. Czarnecki, Jr., C. M. Czarnecki, partners.
Oil burner parts; condensate pumps; laundry tray pumps, nozzles, strainers, valves.

Edwards Engineering Corp.
101 Alexander Ave., Pompton Plains, N. J.
Phone: TE. 5-2808.
R. C. Edwards, pres.; E. A. Bogucz, v. p.; Winton Clark, mgr., OEM sales; J. W. Bush, pur. agt.; N. J. Driscoll, chief engr.; E. V. Saunders, factory mgr.
Heating units; motorized valves; air conditioning and refrigeration components; baseboard radiation; packaged chillers; coaxial condensers.
Trade Names: Zone-A-Matic; AirVec.

Efficient Tool & Die Co., The
9314 Elizabeth Ave., Cleveland 5, Ohio.
Phone: DI. 1-5150.
Richard Bredenbeck, pres., treas. & gen. mgr.; Rudolf, Bredenbeck, v. p.; Karl Eschelbach, sales mgr.
Sheet metal dies, die cast dies, permanent molds, fiberglass molds, special machines.

Electric Autolite Co., The,
Industrial Instrument Div.
(See Dial Thermometer Div. of The Marshalltown Mfg., Inc.)

Electric Heating & Cooling, Inc.
890 Broadway, Newark, N. J.
Phone: HU. 2-0191.
M. M. Alexander,; R. D. Post; F. U. Post.
Electric heating and cooling equipment.
Trade Name: Percojet*.

Electric Machinery Mfg. Co.
800 Central Ave., Minneapolis 13, Minn.
Phone: FEderal 9-6751.
A. P. Burris, pres.; C. E. Buchan, v. p.-sales; J. DeKiep, v. p.-engrg.; E. W. Sjoquist, v. p.-mfg.; S. P. Bordeau, adv. mgr.; J. E. Murnane, pur. agt.; J. H. Jones, service mgr.
Electric power apparatus; motors, generators, motor controls, switch gears, magnetic drives.
Trade Names: Synchrostat; Regutron; Sil-Clad; Ampli-speed.

Electric Products Co.
1725 Clarkstone Rd., Cleveland 12, Ohio.
Phone: IV. 1-1500.
G. J. Berry, pres.; R. J. Berry, v. p. & secy.; E. G. Schroeder, v. p.-sales & engrg.; J. A. Barry treas.
Synchronous and induction motors to 5,000 hp; a.c., d.c. motor and generators, a.c. adjustable speed drives.
Trade Names: VarEPack; UnEPac; MicEPac.

Electrical Motors & Specialties, Inc.
King & Hamsher Sts., Garrett, Ind.
Phone: FL. 7-4141.
W. J. Morrill, pres.; J. A. Fuhrman, sales mgr.; K. W. Murray, pur. agt.; William Morrill, chief engr.; F. R. Thompson, factory mgr.
Permanent split capacitor and shaded-pole motors.

Electrical Testing Laboratories, Inc.
2 E. End Ave., New York 21, N. Y.
Phone: BUtterfield 8-2600.
W. F. Little, bd. ch.; H. S. Beagle, pres.; Gordon Thompson, v. p. & tech. dir.; E. H. Salter, chief engr.; E. J. Gmoser, supv. appl. testing.
Testing laboratory services.
Trade Name: ETL*.

Electro-air Cleaner Co., Inc.
Olivia & Sproul Sts., McKees Rocks, Pa.
Phone: SP. 1-4900.
P. W. Aitkenhead, pres.; R. C. Aitkenhead, v. p.; E. L. Baysek, secy.-treas.; C. V. Witalis, gen. mgr.; J. Dezort, pur. agt.; J. Suchy, engr.
Electronic air cleaners; automatic renewable media filters.
Trade Names: TecLine; Compact Line; Built-up Line; Custom Line.

Electro Dynamic Div. of General Dynamics Corp.
163 Ave. A, Bayonne, N. J.
Phone: HEmlock 7-1234.
E. R. Campbell, indus. sales mgr.; C. E. O'Leary, asst. indus. sales mgr.; R. F. Plimpton, pur. agt.; W. H. Neff, service mgr.
Electric motors and generators.

Electrogen Industries, Inc.
(See Alpine Electronics Corp.)

Electromode, Div. of Commercial Controls Corp.
570 Culver Rd., Rochester 3, N. Y.
Phone: BUtler 8-1880.
J. A. Trainor, pres.; R. E. Pequignot, v. p.; P. D. Hawkins, gen. sales mgr.; L. R. Mast, chief engr.; J. P. Magee, plant supt.
All-electric space heating equipment.
Trade Name: Electromode*.

Elgen Mfg. Corp.
32-49 Gale Ave., Long Island City 1, N. Y.
Phone: ST. 4-8728.
Louis Josephson, pres.; Bruno Speiser, v. p.; J. J. Wyle, treas.
Flexible duct connectors; vane runners; damper hardware; damper regulators; duct tape.
Trade Names: Silent Duct*; All-Tite*; Ball-O-Matic*; Oppo-Matic*; Air-Tite; Quadra-Matic.

Elkhart Products Corp.
1255 Oak St., Elkhart, Ind. Phone: CO. 4-3181.
A. C. Arbogast, pres.; H. R. Borneman, v. p.; A. B. Arbogast, v. p.-engrg.; C. B. Pearman, sales mgr., Industrial Div.; R. B. Sturges, sales mgr., Fittings Div.; H. L. McDowell, pur. agt.
Wrought copper tube fittings and custom fabricating of tubular parts for air conditioning and refrigeration; return bends, strainers; manifold headers; assemblies; spun parts; connectors; distributors; formed tubes; accumulators.
Trade Name: EPC*.

Ellicott-Brandt, Inc.
1700 Ridgely St., Baltimore 30, Md.
Phone: PLaza 2-3900.
R. E. Bowe, pres. & treas.; J. M. Schiavetti, v. p.; O. C. Pogge, v. p. & secy.; H. M. Kelley, gen. sales mgr.; R. F. Becker, pur. agt.
Metal fabricators.
Trade Name: Novelon.

Elliott Co., Div. of Carrier Corp.
Jeannette, Pa. Phone: LAfayette 3-5422.
Branch Factory: Ridgway, Pa.
G. Lilygren, pres. & v. p. Carrier Corp.; F. Fives, v. p.-sales; O. F. Bricker, adv. mgr.; A. P. Hartman, pur. mgr.
Power and process apparatus.

Elliott-Williams Co.
3733 Sutherland, Indianapolis 18, Ind.
Phone: WA. 6-9493.
J. H. Elliott, pres.; T. D. Ross, factory mgr.
Commercial refrigeration equipment.

Ellison Draft Gage Co., Inc.
548 W. Monroe St., Chicago 6, Ill.
Phone: RA. 6-2296.
Martin Coco, pres. & gen. mgr.; R. L. Coco, treas. & pur. agt.
Boiler room, laboratory, industrial instruments.

Embassy Industries, Inc.
890 Stanley Ave., Brooklyn 8, N. Y.
Phone: NIghtingale 9-2000.
E. S. Nelson, pres.; I. B. Nelson, v. p.; S. E. Farber, v. p.
Heat transfer equipment; finned coils.
Trade Names: Panel Track*; Electrobase*; Red E Pak*.

Emerson Electric Mfg. Co., The
8100 Florissant Ave., St. Louis 36, Mo.
Phone: COlfax 1-1800.
Branch Factories: Pomona, Calif.; Keyser, W. Va.; Kennett, Mo.; Paragould, Ark.; Russellville, Ky.; Colorado Springs, Colo.
W. R. Person, pres.; E. L. O'Neill, v. p. & gen. sales mgr.; W. L. Davis, exec. v. p.-engrg.; L. A. Dahlhbimer, dir. of pur.
Air conditioners, electric heat products, motors, fans; builder products, lights, ventilating fans, hoods, bathroom heaters.
Trade Name: Northwind.

Empire Stove Co.
918 Freeburg Ave., Belleville, Ill.
Phone: AD. 3-7420.
A. F. Bauer, pres.; L. A. Brand, 1st v. p.-sales; E. T. Bauer, v. p.-adv.; D. H. Bien, v. p.-pur.; A. M. Platzkoester, secy.-treas.; J. B. Hansen, mdse. mgr.
Gas heating appliances.

Engelhard Industries, Inc.
113 Astor St., Newark, N. J. Phone: BI. 2-2700.
C. W. Engelhard, bd. ch. & pres.; C. R. Bergherm, exec. v. p.; E. F. Rosenblatt, sr. v. p.; G. R. Briechle, adv. mgr.
Adhesives: bi-metals, thermostatic; silver brazing solder and fluxes; silver rod sheet, stainless steel sheet metal; precious metal sheet tubing; precious metal contacts and assemblies; aluminum and stainless steel tubing.
Trade Names: Thermometals; Silvaloy.

Engelhard Industries, Inc., American Platinum & Silver Div.
231 N. J. Railroad Ave., Newark, N. J.
Phone: BIgelow 2-2700.
Branch Factory: Providence, R. I.
C. W. Engelhard, pres.; W. J. Wagnitz, v. p.; S. P. Musco, gen. sales mgr.
Precious metal brazing alloys, silver, gold, platinum, palladium, brazing fluxes.
Trade Names: Silvaloy*; APW 1200 Flux*; Deoxo Flux*; Black Flux*.

Engineering Research Associates
3475 E. Nine Mile Rd., Warren, Mich.
Phone: SL. 7-0026.
H. B. Snyder, pres.; M. L. Napper, factory mgr.
Motor and pump base adaptors for refrigeration and air conditioning industry; hermetic pump rebuilders.
Trade Name: ERA*.

Enviro Equipment Corp.
369 Linden St., Brooklyn 27, N. Y.
Phone: VAndyke 1-9872.
Lawrence Sergio, pres.; John Malangone, secy.-treas.
Environmental test equipment, automatic ice vending equipment, ice storage bins.

Erickson Industries, Inc.
River Falls, Wis. Phone: HAmilton 5-2442.
Branch Factory: Laurel, Miss.
P. J. Erickson, pres.; Vern Lindquist, v. p.; K. W. MacKenzie, v. p.-production; R. J. Shemon, treas.; G. G. Golby, pur. agt.
Commercial and farm refrigeration equipment.
Trade Name: Chill-Air.

Erie City Iron Works
1422 East Ave., Erie, Pa. Phone: GL. 2-6421.
F. G. Brinig, pres. & gen. mgr.; T. O. Schrader, v. p. & sales mgr.; E. Selden, secy.-treas.
Steam power plant equipment.
Trade Name: Keystone.

Erie Tool Works
735 West 12th St., Erie, Pa. Phone: GL. 4-5271.
D. M. Bull, Jr., pres.; F. W. Bacon, v. p.; J. R. Streeter, sales mgr.; E. B. Lytle, pur. agt.
Flaring tools, tube cutters, hand tools.
Trade Name: Pipemaster*.

Esco Cabinet Co.
E. Biddle St., West Chester, Pa.
Phone: OW. 6-2055.
H. E. Cann, bd. ch.; M. B. Cann, pres. & sales mgr.; H. E. Cann, Jr., v. p. & factory mgr.; R. R. Jamison, adv. mgr.; C. F. Wilson, pur. agt.; H. R. Smithson, chief engr.
Freezers; milk coolers; refrigeration equipment.
Trade Names: Ni-ag-ra*; Icy-Wall*.

Eskay Mfg. Co., Inc.
1542 N. Marston St., Philadelphia 21, Pa.
Phone: POplar 3-0542.
Branch Factory: Brooklyn.
Jack Sheaffer, pres.; Eli Klein, supv.; M. Klein, sales mgr.
Grease and air filters.
Trade Name: Pur-Flo.

Essex Wire Corp.
1601 Wall St., Fort Wayne, Ind.
W. F. Probst, pres.; J. Stewart, v. p.-sales; G. Brown, dir. of pur.
Wire and cable; controls; cord sets; magnet wire.

Essick Mfg. Co.
1950 Santa Fe Ave., Los Angeles 21, Calif.
Phone: MAdison 9-3341.
Branch Factories: Elizabeth, N. J.; Little Rock, Ark.
Bryant Essick, pres.; Edward Tuttle, exec. v. p.; H. S. Mulhollen, v. p.-sales; R. N. Brookins, v. p.-engrg. & prod.; Ken Kottick, sales mgr.; J. L. Groton, adv. mgr.; George Borries, pur. agt.; Luis Lopez, export mgr.
Commercial, industrial, residential, and portable evaporative coolers.
Trade Names: Paramount*; Master*; Marvelaire*; Sterling*.

Evanite Plastic Co., The
Carrollton, Ohio. Phone: 627-2181.
Branch Factory: Leesburg, Fla.
T. J. Evans, III, pres. & treas.; Mrs. Mabel Evans, v. p.; M. J. Crites, secy.; W. S. Prendergast, gen. mgr.
Plastic pipe and fittings.

Evans Co., The George
121 37th St., Moline, Ill. Phone: 762-9456.
C. R. Evans, pres.; H. C. Easter, sales & adv. mgr.; Fred Perry, pur. agt.; H. V. First, chief engr.
Permanent air filters; grease filters; holding frames.
Trade Names: Lifelong; Seal-Tight.

Everlast Refrigeration Co.
654 Henry St., Brooklyn 31, N. Y.
Phone: MAin 4-4520.
Martin Kapeker, bd. ch. & pres.; Lloyd Newman, adv. mgr.; Irving Taubman, factory mgr.
Freeze dry apparatus for science and industry.

Everpure, Inc.
2627 W. 19th St., Chicago 8, Ill.
Phone: BIshop 7-2627.
C. B. Oliver, bd. ch. & pres.; B. J. Oliver, v. p.-prod. & pur.; R. P. Oliver, v. p.-mktg.; J. W. Vaughan, mdsg. dir.; H. P. Roepken, pub. rel.; J. Apostle, prod. supt.
Water purifiers; chlorinators; water softeners.
Trade Names: Everclor; Puresoft.

Evis Mfg. Co.
5955 N. Rockwell St., Chicago 45, Ill.
Phone: LO. 1-5022.
C. W. O'Neil, pres.; A. N. Wells, v. p.; John Skinner, secy.
Water and fuel oil conditioners.

Excelsior Steel Furnace Co., The
546 W. Washington Blvd., Chicago 6, Ill.
Phone: FRanklin 2-8145.
Branch Factories: Kansas City, Mo.; St. Paul.
H. W. Mitchell, pres.; J. S. McDonald, v. p.; I. E. Brex, v. p.-sales & engrg.; C. R. Carlson, secy.; R. B. Clement, asst. secy. & pur.
Standardized pipe, ducts, fittings.

Extremultus, Inc.
130 Coolidge Ave., Englewood, N. J.
Phone: LO. 7-6100.
Kenneth Tsunoda, pres.; G. L. Pellicer, v. p.; C. Guy Rivers, sales mgr.
Power transmission belting.

F

Fafnir Bearing Co., The
37 Booth St., New Britain, Conn.
Phone: BAldwin 5-5151.
S. M. Cooper, bd. ch.; C. G. Rosensweig, bd. v. ch.; K. T. Middleton, pres.; R. W. Powell, v. p.-sales; H. B. Van Dorn, v. p.-engrg.; S. G. Fisher, gen. sales mgr.; J. J. Matukas, div. sales mgr.; F. H. Hetzler, pur. agt.; H. L. Potter, dir. engrg.
Ball bearings and rubber cushioned ball bearing units.

Fairmont Aluminum Co.
Fairmont, W. Va. Phone: 363-3000.
Subsidiary of: Cerro Corp.
R. T. Farrell, pres.; J. Windross, v. p.-operations; W. B. Blair, v. p.-sales; L. M. Campbell, sales mgr.; R. K. Powell, secy.-treas.
Aluminum sheet, coil, circles; plain, painted, or embossed.
Trade Name: Falco*.

Farr Co.
P.O. Box 90187, Airport Station,
Los Angeles 45, Calif. Phone: ORegon 8-3873.
M. S. Farr, bd. ch.; R. S. Farr, pres.; G. F. Thruelsen, sales mgr.; E. L. Williams, adv. mgr.
Air filters.

Farrelloy Co.
1234-45 N. 26th St., Philadelphia 21, Pa.
Phone: PO. 3-2124.
J. P. Farrell, pres.; A. M. Farrell, v. p.; A. V. Malloy, sales mgr.; E. Bartlam, factory mgr.
Solders; soldering, brazing, and welding fluxes, metal coatings.
Trade Names: Hytin; Fastin; Asmc; A.G.; Farco.

Fasco Industries, Inc.
255 N. Union St., Rochester 2, N. Y.
Phone: HA. 6-1800.
Branch Factory: Fayetteville, N. C.
H. P. Toppin, bd. ch.; H. M. Sylvester, Sr., pres.; D. R. Schroedel, v. p.-sales; R. Gysel, v. p.-mfg.; C. Weiland, pur. agt.; J. B. Buckman, dir. engrg.
Motors and blowers.

Fedders Corp.
58-01 Grand Ave., Maspeth 78, N. Y.
Phone: TW. 4-8000.
Branch Factories: Buffalo; Trenton, Newark, N. J.
S. Giordano, bd. ch. & pres.; U. V. Muscio, exec. v. p.; V. F. Melin, v. p.-finance; H. G. Williams, v. p.-mfg.; C. Kirk, sales mgr.-central res. air cond. dept.; E. M. Becker, sales mgr.-room air cond. dept.; W. W. Reeves, sales mgr., automotive dept.; J. R. Takats, sales mgr., condenser dept.; Norman Skier, adv. & mdsg. mgr.; Larry Levenson, pub. rel. dir.; A. F. Agovino, service mgr.; H. D. Grosshans, export mgr.
Room air conditioners, thru-the-wall and heat pumps; central air conditioners and heat pumps; dehumidifiers; condensers; blowers; fan-coil units; baseboard radiation; convectors; unit heaters; gas and oil furnaces.
Trade Names: Four Seasons; Climatimer; CC-77 installation; Adaptomatic; Fedair; Wall-Fit; Flexhermetic; Trophy; Vectormatic; Flex Aire.

Federal Boiler Co., Inc.
Granite & West Sts., Midland Park, N. J.
Phone: OLiver 2-3332; LAckawanna 4-8425.
R. H. Bohr, pres.; R. C. McTaggart, v. p.-engrg.; Paul Bergeron, sales mgr.; Eric Adams, secy. & pur. agt.; Walter Gamble, chief engr.
Steel and cast iron residential and commercial heating boilers; non-ferrous baseboard radiation.

Federal-Mogul Div.,
Federal-Mogul-Bower Bearings, Inc.
11031 Shoemaker Ave., Detroit 13, Mich.
Phone: 921-0750.
Branch Factories: Greenville, St. Johns, Mich.; Cleveland; Mooresville, Ind.
R. W. Muzzy, div. mgr.; H. H. Kietzer, sales mgr.; R. C. Carson, dir. pur.; H. F. Dixon, chief engr.; W. C. Robertson, Greenville plant mgr.; Kermit Hart, St. Johns plant mgr.; J. M. Haney, Cleveland plant mgr.; Ralph Keck, Mooresville plant mgr.
Sleeve bearings, bushings, spacers, and washers.

Federal Refrigerator Mfg. Co.
P.O. Box 346, Belleville, Wis. Phone: HA. 4-3031.
John Romadka, bd. ch. & pres.; H. Yeager, v. p.; R. Alwyn, pur. agt.
Commercial refrigeration equipment.
Trade Names: Frigidbaker; Zero Shelf*.

Fenwal, Inc.
Pleasant St., Ashland, Mass.
Phone: TRinity 5-6111.
C. W. Walter, pres.; S. Edgerly, v. p.-sales; J. R. Keough, v. p.-mfg.
Precision temperature controls, detectors, and indicators.
Trade Names: Thermoswitch*; Detect-A-Fire*.

Ferro Corp.
4150 East 56th St., Cleveland 5, Ohio.
Phone: MI. 1-8580.
Factories: Nashville; Los Angeles.
R. A. Weaver, bd. ch.; H. T. Marks, pres.; G. E. Weber, v. p.; W. N. Noble, v. p.; D. R. Goetchius, sales mgr.; J. R. McCord, mktg. dir.; G. A. Buerman, pur. agt.
Porcelain enamel materials, equipment, and services.

Field Control Div., Conco Engineering Works, Inc.
Mendota, Ill. Phone: 2121.
R. W. Conkey, pres.; R. A. Hossinger, exec. v. p.; H. J. Kettleborough, operating v. p.; A. B. Carlson, v. p. & chief engr.; H. J. Potter, sales mgr.; H. A. Remsburg, sales engr.; Leo Pfister, div. chief engr.
Barometric draft controls for gas, oil, and coal.

Filtrine Mfg. Co., Dept. D
216 W. Prospect St., Waldwick, N. J.
Phone: OL. 2-5600.
Water coolers, water filters and purifiers, chilled water systems.

Filtrol Corp.
3250 E. Washington Blvd., Los Angeles 23, Calif.
Phone: AN. 3-5111.
Factories: Salt Lake City; Jackson, Miss.; Vernon, Calif.
M. A. Bantrell, pres.
Adsorbents; desiccants, and alumina.
Trade Name: Desiccite.

Fine Products Co.
6240 Ogden Ave., Berwyn, Ill.
Phone: BIshop 2-1363.
A. H. Fine, pres.; V. A. Fine, secy.; K. A. Bergquist, sales mgr.
Refrigerant cylinders; carbonic gas service cylinders; charging hose; flexible pick-up tools; spray enamels; adjustable compressor racks; portable refrigerators, and gas torches.
Trade Names: Duz-All; Spacesaver; Reach-All; Chromatone; Plierench (all purpose tool).

Firestone Industrial Products Co., Div. of Firestone Tire & Rubber Co.
Noblesville, Ind.
R. D. Smith, pres.; R. J. Mitchell, v. p.; H. B. Winslow, adv. mgr.
Mechanical rubber goods.

Fischbach & Moore, Inc.
9005 Sovereign Row, Dallas 7, Texas.
Phone: ME. 1-8520.
B. Burley, gen. mgr.; R. G. Attridge, sales mgr.; Harry Mott, constr. mgr.; Gene Carleton, design engr.; Harry Joel, chief engr.; Preston Spradlin, production mgr.
Commercial air conditioning controls.

Fischer & Porter Co.
980 Warminster Rd., Warminster, Pa.
Phone: OSborne 5-6000.
Kermit Fischer, pres.; R. L. Lane, v. p.; E. F. Rulon, v. p.-prod.; S. D. Ross, adv. mgr.; W. Kay, pur. agt.; R. Whitbeck, service mgr.
Flowmeters; industrial instruments; chlorination equipment; data reduction equipment; laboratory glassware; glass pipe.
Trade Names: Flowrator; ADC.

Fisher Governor Co.
Box 307, Marshalltown, Iowa. Phone: 5561.
J. W. Fisher, pres.; P. A. Elfers, v. p.-sales; H. W. Kinney, adv. mgr.; C. M. Chard, pur. agt.
Control valves, pressure regulators, liquid level controllers.
Trade Names: Wizard*; Level-Trol*.

Fisher Research Laboratory, Inc.
1975 University Ave., Palo Alto, Calif.
Phone: DA. 2-4646.
G. R. Fisher, pres.; E. A. Feichtmeir, v. p.; C. J. Fisher, v. p.
Pipe and cable finders, fluid leak detectors, water level indicators.
Trade Names: M-Scope; Electronic Witch.

Fitzgibbons Boiler Co., Inc.
23 Mercer St., Oswego, N. Y.
Phone: FIreside 3-3900.
L. Washburn, bd. ch.; R. D. Cross, pres.; G. J. Muir, v. p.-operations; G. H. Doerfler, v. p.-sales; K. Badger, sales mgr.; R. G. Stoehr, treas.
Heating boilers, steel, commercial and residential.

Flair Mfg. Corp.
1720 Atlantic Ave., Brooklyn, N. Y.
Phone: SL. 6-1100.
Elliott S. Frank, pres.; E. B. Lehman, v. p.; Eli Goldstein, prod. mgr.; Edith Curcio, secy.
Heating specialties.
Trade Names: Flair-Pac.; Flairweather; Flexamatic.

Flake Ice Machines, Inc., Div. of Helmco-Lacy
7400 W. Lawrence Ave., Chicago 31, Ill.
Phone: UNderhill 7-7600.
Flake-ice machines; ice storage dispensers.
Trade Name: Helmco-Lacy.

Flakice Corp.
360 Furman St., Brooklyn 1, N. Y.
Phone: TRiangle 5-3640.
Crosby Field, bd. ch. & pres.; D. R. Santomenna, v. p.; M. Oldham, secy. & asst. treas.; Karl Lachmann, factory & service mgr.; F. B. Libra, export mgr.
Manufacture and sale of ice making, storage, and distribution equipment.
Trade Name: FlakIce*.

Flanders Filters, Inc.
P.O. Box 718, Riverhead, N. Y.
Phone: PArk 7-2102.
A. R. Allan, Jr., pres.; J. V. Moore, sales mgr.; M. W. First, Sc. D., cons. engr.; J. G. Ayers, mech. engr.
Air filters.
Trade Names: Airpure*; Expandure*.

Flexible Tubing Corp.
Guilford, Conn. Phone: GLendale 3-2777.
Branch Factory: Anaheim, Calif.
F. K. Daggett, pres.; E. G. Swartz, v. p.; S. K. Hawkins, natl. sales mgr.-gen. products; L. G. Syme, asst. adv. mgr.; R. F. Moran, pur. agt.; R. J. Love, factory mgr.
Flexible air conditioning ducts.
Trade Names: Thermaflex-A; Thermaflex-ST.

Flexonics, Div. of Calumet & Hecla, Inc.
224 E. Devon Ave., Bartlett, Ill.
Phone: TEnnyson 7-1811.
A. S. Kromer, pres.; L. G. Fox, dir. mktg.; L. J. Cullen, field sales mgr.; R. F. Edgar, hose product mgr.; E. C. Langille, adv. mgr.; E. Helman, hose engr.; J. J. Venegas, export mgr.
Metal hose, vibra-sorbers, expansion joints for pipe and tube lines.
Trade Names: Flexon; Rex-Weld; Rex-Flex.

Fluor Products Co., Div. of Fluor Corp., Ltd.
Shiloh Rd. at U. S. Hwy. 101, Santa Rosa, Calif.
R. W. Kerr, pres.; D. H. White, v. p.-sales; J. W. Hubenthal, v. p.-engrg.; C. R. LeMenager, mgr. mktg. services.
Cooling towers.

Foamade Industries
14851 W. 11 Mile, Oak Park 37, Mich.
Phone: JO. 6-0790.
Morris Rochlin, pres.; T. H. Fishman, treas.; J. I. Grant, secy.
Plastic foam products, foam tape.
Trade Name: Durafoam.

Fogel Refrigerator Co.
5400 Eadom St., Philadelphia 37, Pa.
Phone: JE. 5-8300.
W. Fogel, pres.; I. Fogel, treas.; M. Jacobs, controller; P. Robins, sales mgr.; G. Stuart, adv. mgr.; L. Carter, export sales mgr.
Commercial refrigeration.

Follett Corp., Roy
99 Broad St., Phillipsburg, N. J.
Phone: GL. 4-8511.
D. S. Follett, pres. & sales mgr.; C. P. Maquelin, v. p.-mfg.; R. F. Conti, secy.-treas. & pur.; E. H. Bilfelt, plant mgr.; J. J. Varsa, production engr.
Ice storage bins, ice crushers, ice merchandisers.

Folsom Co., Inc., The
3104 Oak Lane, Dallas, Texas.
Phone: HA. 1-7651.
H. C. Glitsch, pres.; E. I. McCain, v. p.-gen. mgr.; E. M. Howard, v. p.-sales mgr.; Jack McDonald, chief engr.
Air conditioning; warm air furnaces; space heaters.
Trade Names: Cirklair; Solar Western.

Forge & Fittings Div., H. K. Porter Co., Inc.
P.O. Box 95, Roselle, N. J.
Phone: CHestnut 1-1600.
Branch Factories: Cleveland; Duncannon, Pa.
D. Hoodes, gen. mgr.; J. H. Wyres, gen. sales mgr.
Forged carbon steel, stainless steel, aluminum and alloy pipe fittings and branch connections.
Trade Names: Fishmouth; TeeLet; W-S Double Diamond.

Forston Co., The
2117-19 Judiway St., Houston 18, Texas.
Phone: OV. 6-2426.
Claude E. Forston, owner & pres.
Air conditioners and heat pumps.
Trade Names: Lincoln; Circle-Vec; Continental Voyager.

Forty-Eight Insulations, Inc.
P.O. Box 472, Aurora, Ill.
Phone: TWinoaks 6-8578.
Subsidiary of: Insulating Products Co.
Branch Factory: Alliance, Ohio.
V. von Schlegell, Sr., bd. ch.; V. von Schlegell, Jr., pres.; I. Keith, v. p.; R. C. Yount, exec. & mfg. v. p.; A. H. Mehlhorn, pur. agt.; H. Bastian, customer service.
Heat and cold insulations.
Trade Names: Copr-fibre; ALOYGLAS.

Foster Refrigerator Corp.
Second & Mill Sts., Hudson, N. Y.
Phone: TA. 8-1508.
L. H. Foster, pres.; J. R. Dickinson, v. p.-mfg.; W. J. Whalen, v. p.-sales; S. A. Scatterday, sales mgr.; D. J. Fay, adv. & sales prom. mgr.; F. D. Noble, pur. agt.; H. Bush, chief engr.; F. G. Marsh, prod. service mgr.
Welded all-aluminum refrigerators and freezers.
Trade Name: Fostermatic.

Foster Wheeler Corp.
666 Fifth Ave., New York 19, N. Y.
Phone: JU. 2-6600.
Branch Factory: Arcata, Calif.
E. E. Goitein, mgr. cooling tower div.; J. J. Finnerty, pur., cooling tower div.; M. V. Gruber, chief engr., cooling tower div.; H. B. Wallace, Jr., sales mgr., equipment sales.
Cooling towers, package boilers.

Fostoria Corp.
1200 N. Main St., Fostoria, Ohio.
Phone: HE. 5-7721.
Branch Factories: Philadelphia; Detroit.
R. H. Carter, pres.; C. W. McDaniel, gen. mgr.
Heaters, electric, infrared.

Foxboro Co., The
Foxboro, Mass. Phone: KIngswood 3-8750.
Branch Factories: Pittsburgh; Dallas; San Leandro, Van Nuys, Calif.; Atlanta; Skokie, Ill.; East Bridgewater, Mass.
B. H. Bristol, pres.; R. A. Bristol, v. p.; H. O. Ehrisman, v. p. & sales mgr.; C. Schwarzler, v. p.-mktg.; P. C. Bunker, adv. mgr.; R. Hayden, Jr., pur. agt.; W. W. Frymoyer, factory mgr.; J. C. Willis, service mgr.
Instruments for indicating, recording, and controlling industrial process variables.

Fram Aire Co., Div. of Fram Corp.
Henderson, N. C. Phone: AL. 2-1141.
Branch Factories: Pawtucket, R. I.; Greenville, Ohio; Brigham City, Utah.
S. B. Wilson, bd. ch.; E. B. Scripture, pres.; P. Parseghian, asst. to pres.
Air filters, oil filters, room air conditioners.

Frankell Mfg. Co., Inc.
862 Newark Ave., Jersey City, N. J.
Phone: OLdfield 6-3830.
F. R. Lowitz, pres. & sales mgr.; Phil Nast, Jr., adv. mgr.
Hermetic compressor opener.

Franklin Electric Co., Inc.
400 E. Spring, Bluffton, Ind.
Phone: 1121-22-23-24.
E. J. Schaefer, pres.; R. P. Nixon, v. p.-finance & mfg.; A. C. BeVier, v. p.-mktg.; H. J. Lamboley, supt. adv. & prom.; R. J. Dunphy, plant supt.; J. E. Weyler, supt. service & repair.
Electric motors.
Trade Names: Inst-o-Verse*; Submatic*; Lo-Shaft*; Submersipool; Gear-O-Matic; Convertitrol; Uni-Struc.

Fraser & Johnston Co.
1900 17th St., San Francisco 3, Calif.
Phone: MA. 1-3868.
Mobile home, multi-zone and residential air conditioners, condensing units, forced air furnaces.

Freez King Corp.
2518 W. Montrose Ave., Chicago 18, Ill.
Phone: COrnelia 7-6500.
L. S. Maranz, bd. ch.; G. M. Dick, pres.; A. D. Rose, sales mgr.; M. E. Stiller, asst. sales mgr.; A. Conto, factory mgr.; E. Snider, service mgr.
Carbonated drink dispensers; continuous soft ice cream freezers; milk shake machines; batch ice cream freezers; ice flakers.
Trade Name: FrigiDrink.

Freeze Eazy Industries
1815 Guerneville Rd.,P.O. Box 508,
Santa Rosa, Calif. Phone: LI. 2-2484.
J. C. Bloom, pres. & pur. agt.; J. Turner, sales & adv. mgr.
Commercial refrigeration equipment, snack bar equipment.

Freezer Box Div., Annapolis Yacht Yard, Inc.
1700 West St., Ext., Annapolis, Md.
Phone: COlonial 3-2381.
N. E. Almen, pres.; H. P. Janz, production mgr.
Pre-fabricated knocked down cooling rooms.

Frick Co.
Waynesboro, Pa. Phone: 1245.
J. M. Seabrook, bd. ch.; W. H. Aubrey, bd. v. ch.; W. B. Clements, pres.; A. E. Roschli, v. p., treas. & asst. secy.; M. W. Garland, v. p.-engrg.; J. R. Kiessling, fin. v. p. & controller; M. B. Watts, secy.; H. Jones, dir. sales; E. W. Coppersmith, mgr.-intl. dept.; W. R. Fehrle, mgr.-sales prom. & adv.; J. E. Boyle, pur. dir.
Air conditioning, refrigerating, ice making, and quick freezing systems in all commercial and industrial sizes; compressors, condensers, coils, coolers, controls, valves, tanks, pressure vessels, finned coils, welded work.
Trade Names: Eclipse*; Shell-Ice*.

Friedrich Refrigerators, Inc.
1117 E. Commerce, San Antonio 3, Texas.
Phone: CA. 5-1671.
R. L. Harrison, pres.; R. W. Jones, Jr., v. p.-air cond. sales; L. D. Webster, v. p., secy.-treas.; Moody Hopkins, com'l sales mgr.; Samuel Campobello, asst. secy.; H. W. Whitmore, dir. engrg.; L. C. Whitsit, works mgr.; Hubert McVea, service mgr.
Commercial refrigeration and window air conditioning.
Trade Name: Floating Air.

Frigid Coil, Inc.
9800 E. Rush St., So. El Monte, Calif.
Phone: CU. 3-9146.
E. Chitwood, pres.; J. E. Spurlock, secy.-treas.; B. Muse, v. p.; R. P. Scott, gen. sales mgr.; J. W. Wolfhope, Jr., engr.
Refrigeration and air conditioning equipment.

Frigid Igloo Mfg. Corp.
498 Nepperhan Ave., Yonkers, N. Y.
Phone: YO. 5-8891.
R. L. Edelson, pres.; S. J. Krakow, exec. v. p.; L. V. Milano, secy.-treas.
Refrigerated normal and low temperature storage and display equipment.

Frigid, Inc.
1250 Rockaway Ave., Brooklyn 36, N. Y.
Phone: BR. 2-7500.
S. B. Camiel, pres.; G. J. Turin, v. p.-sales.
Fans, blowers, filters, dampers, and shutters.
Trade Name: Commercialaire.

Frigidaire Div., General Motors Corp.
300 Taylor St., Dayton 1, Ohio.
Phone: BA. 3-1161.
Export: General Motors Overseas Operations, 1775 Broadway, New York 19, N. Y.
H. F. Lehman, gen. mgr.; C. H. Menge, gen. sales mgr.; W. L. McCarthy, works mgr.; R. E. Gould, chief engr.; J. A. McFetridge, compt.; L. P. Roberts, mgr., ind. rel.; H. H. Bogue, dir., reliability & quality control; J. T. Heavin, pur. agt.; E. E. Landis, serv. mgr.; W. F. Switzer, mdsg. mgr.; C. C. Brechler, dir. pub. rel.
Room air conditioners, refrigerators, food freezers, other major home appliances, ice cube makers, and service parts.

Frigikar Corp.
10858 Harry Hines Blvd., P.O. Box 13345, Dallas 20, Texas. Phone: FL. 7-6361.
B. J. Mitchell, pres. & treas.; R. L. Baccus, v. p.; H. O. Kirkpatrick, v. p.
Mobile refrigeration and air conditioning equipment.
Trade Names: Frigiking; Frigikab; Frigibus.

Frigiquip Corp.
3805 N.W. 36th St., P.O. Box 7207, Oklahoma City 12, Okla. Phone: WIndsor 6-4421.
H. Dale Jordan, pres.; M. D. Heck, sales mgr.; F. F. Manley, compt.-pur.; R. H. Bullard, prod. supt.
Air conditioners, automobile.
Trade Names: Frigette; Cool Queen.

Fromson Orban Co., Inc.
261 Madison Ave., New York 16, N. Y.
Phone: MU. 7-0920.
Branch Factory: Rockville, Conn.
H. A. Fromson, pres.; A. E. Merwin, v. p.; H. Kullmer, pur. agt.
Aluminum, copper, brass tubes and sheets; super-purity aluminum; pre-anodized aluminum.
Trade Names: Lurium; Ano-Coil.

Frostrode Div., Progressive Welder & Machine Co.
915 Oakland Ave., Pontiac, Mich.
Phone: FEderal 4-0523.
John Rise, gen. mgr.
Industrial liquid coolers.

Furnas Electric Co.
1111 McKee St., Batavia, Ill. Phone: TR. 9-3410.
W. C. Furnas, pres.; W. F. Lisman, v. p.; J. M. O'Rourke, sales mgr.; W. A. Meyer, mgr.-dist. mktg.; C. F. Witschonke, adv. mgr.; C. R. Mead, pur. agt.; Dale Willcox, chief engr.; M. L. Froland, works mgr.
Electric motor controls, magnetic starters, contactors, pilot devices, drum controllers, pressure switches.

Fusite Corp.
6000 Fernview Ave., Cincinnati 12, Ohio.
Phone: REdwood 1-2020.
Branch Factories: Versailles, Ky.; Almelo, Holland; Karlsruhe, West Germany; Tokyo, Japan.
W. A. Barrows, pres.; J. H. Marsh, Jr., v. p.-sales; A. Wyzenbeek, v. p.-engrg.; V. J. Chichowski, v. p.-research; W. E. Jamison, treas.; W. J. Westphale, refrig. sales mgr.; J. A. Fox, pur. agt.; E. R. C. Novotny, dir. European operations.
Glass to metal, hermetic terminals, sight glasses.

G

G M Mfg. Co.
12 East 12th St., New York 3, N. Y.
Phone: WA. 4-7965.
Joseph Kahl, pres.; Michael Kahl, mgr.
Temperature and humidity instruments, mercury switches.
Trade Names: Gemware; Gemcraft.

G & O Mfg. Co., The
138 Winchester Ave., New Haven, Conn.
Phone: LO. 2-5121.
Branch Factory: Jackson, Miss.
C. Oppe, pres.; H. R. Haynes, v. p. & treas.; H. E. Benevento, pur. agt.; M. L. Carangelo, chief engr.; C. C. Schott, factory mgr.
Engine cooling radiators, space heaters, heat transfer units, coils, baseboard and finned tubing, convectors, oil coolers.

G-V Controls, Inc.
Livingston, N. J. Phone: WYman 2-6200.
C. D. Geer, pres.; W. C. Broekhuysen, v. p.; R. F. Stockton, III, sales, adv. & sales prom. mgr.; G. A. Compton, asst. sales mgr.; P. S. Christaldi, chief engr.; H. L. Weinberg, factory mgr.
Thermostats; time delay relays and electronic time delays.
Trade Names: Red Line; CS.

Gaffers & Sattler, Div. of Utility Appliance Corp.
8111 W. Beverly Blvd., Los Angeles 48, Calif.
Phone: OL. 3-7010.
Branch Factory: Hawthorne, Calif.
Victor Carter, pres.; H. S. Leo, v. p.; P. L. Chabre, v. p. & sales mgr.; W. H. Denton, mgr., air cond. div.; T. W. McAllister, adv. mgr.; R. Shorn, pur. agt.; S. Skafte, chief engr.; J. Starke, factory mgr.
Residential air conditioning, heat pumps, gas forced air furnaces, unit heaters, duct furnaces, air coolers.

Gallaher Co., The
4108 Dodge St., Omaha 31, Neb. Phone: 556-2070.
Branch Factory: Council Bluffs, Iowa.
I. I. Solzman, pres. & gen. mgr.; D. M. Solzman, v. p. & sales mgr.; H. Gillen, compt.; M. S. Solzman, plant mgr.
Power exhausters, roof and wall types.
Trade Names: Air-Van*; Super/Air-Van*; Air-Max*; Air Ex-ostr*.

Galvicon Corp.
20 Meadow St., Brooklyn 6, N. Y.
Phone: HYacinth 7-1238.
C. J. Kaufman, sales mgr.; E. Grebinar, secy.
Cold galvanizing compound: protective coating for metal surfaces.

Garlock, Inc.
402 Main St., Palmyra, N. Y.
Phone: LYric 7-4811.
Branch Factory: Hamilton, Ont., Can.
A. J. McMullen, pres.; J. B. Sewell, v. p.; E. K. Harter, v. p.; M. W. Sheffeld, v. p. & treas.; R. A. Lyons, adv. & sales prom. mgr.; L. B. Black, pur. agt.; C. E. Bellew, mfg.
Gaskets, shaft seals; plastic products; rubber parts.
Trade Names: Lattice Braid; Klozure; Mechanipak; Chevron; Guardian; Bitan.

Garman Co., Inc.
1252 Grover Rd., St. Louis 25, Mo.
Phone: TW. 2-4446.
G. Garner, pres.; A. Berryman, exec. v. p.
Corrosion inhibitors; cleaning compounds; algicide; Water treatment chemicals.
Trade Names: Vapco; Pump-Aid.

Garrett Corp.
9851 Sepulveda, Los Angeles 45, Calif.
Phone: SP 6-1010.
J. C. Garrett, pres.; K. B. Wolfe, exec. v. p.;

C. W. Leinbach, Jr., secy.; T. G. Hawkins, treas.; Aircraft, missile and ground support equipment.
AiResearch Mfg. Div.
Los Angeles 45, Calif. Phone: SP. 6-1010.
R. E. Palmer, mgr.
AiResearch Mfg. Div.
Phoenix, Ariz. Phone: BR. 5-6311.
J. J. O'Brien, mgr.

Gascool Div., Aerotest Equipment Co., Inc.
8401 Chancellor Row, Dallas, Texas.
Phone: MElrose 1-5316.
G. C. Walker, pres.; E. F. Bilger, div. mgr.; John Lendvay, pur. agt.; Bob Clark, product engr.
Natural gas engine driven air conditioning equipment.

Gates Rubber Co., The
999 South Broadway, Denver 17, Colo.
Phone: SHerman 4-1911.
Branch Factories: Brantford, Ont., Can.; Toluca, Mexico.
C. C. Gates, Jr., pres.; C. H. Mingle, exec. v. p. & mktg. dir.; E. Rinker, v. p., personnel; H. Brown, v. p., mfg.; R. Hansen, v. p., export; J. G. Gates, secy.-treas.; S. A. Johnson, adv. mgr.; Paul Taylor, chief engr.
Belts; hose; tubing; molded rubber goods.

Gavigan & Co., Inc., James J.
388 11th Ave., New York 1, N. Y.
Phone: WI. 7-2100.
James J. Gavigan, pres. & sales mgr.
Soda fountains and snack bars for homes and business.
Trade Names: Gay Bar; Gay Snac Bar.

Geauga Industries Co.
Box 411, Middlefield, Ohio. Phone: 632-2911.
Branch Factory: Crestline, Ohio.
E. H. Clark, pres.; C. R. McClurg, asst. to pres.; L. M. Johnson, v. p.-sales; Adrian Welch, v. p.-engrg.; P. W. Boorn, sales mgr.; W. A. Rowley, sales mgr., plastic div.; D. A. Stevens, secy. & asst. treas.; J. F. Lockhart, pur. agt.
Extruded and molded rubber products, extruded vinyl products.

Gelber & Sons, Inc.
5806 N. Lincoln Ave., Chicago 45, Ill.
Phone: LO. 1-3787.
S. S. Gelber, pres.
Pumps: condensate removal, pressure booster, sealed submersible ejector and totally sealed submersible from 1/100 to 200 hp.
Trade Names: Bantam; Little Giant; Dyna-Pumps.

Gem Refrigerator Co.
165 W. Wyoming Ave., Philadelphia 40, Pa.
Phone: DAvenport 4-8246.
J. Gruhler, pres.; E. Gruhler, sales mgr.; R. Gruhler, pur. agt.; J. Greenwood, service mgr.
Commercial refrigeration.
Trade Name: Rotomaster.

General Automatic Products Corp.
2300 Sinclair Lane, Baltimore 13, Md.
Phone: EA. 7-7703.
C. W. Schaefer, Jr., pres.; C. E. Birch, v. p.; C. A. Fecher, adv. mgr.; J. A. Berger, pur. agt.; R. Mohn, chief engr.; E. Schupp, plant mgr.; H. E. Phipps, product mgr.
Oil-fired warm air furnaces, residential.

General Blower Co.
8611 Ferris Ave., Morton Grove, Ill.
Phone: CO. 7-4400; YO. 5-1414.
Subsidiary of Ilg Electric Ventilating Co.
W. W. Meyer, Sr., bd. ch.; W. H. Rietz, pres.; R. P. Scott, v. p. & gen. mgr.; J. J. Friedler, Jr., v. p.
Fans and blowers.
Trade Names: Dura-Temp; Util-A-Vent; UVS Jr. Turbo.

General Chemical Div., Allied Chemical Corp.
40 Rector St., New York 6, N. Y.
Phone: HAnover 2-7300.
Branch Factories: Baton Rouge, La.; Danville, Ill.
F. J. French, pres.; V. W. Suellau, exec. v. p.; J. P. Farrell, v. p.-sales; F. J. Woods, dir.-sales; H. L. Robbins, sales mgr.-whls.; F. C. Hitchings, sales mgr.-OEM.
Refrigerants, fluorinated hydrocarbon.
Trade Name: Genetron*.

General Controls Co.
801 Allen Ave., Glendale 1, Calif.
Phone: VIctoria 9-2181.
Branch Factories: Burbank, Calif.; Skokie, Ill.; Iron Mountain, Mich.; Warwick, R. I.; Guelph, Ont., Can.; Dusseldorf, W. Germany; Basildon, Essex, Eng.
W. A. Ray, pres. & dir. engrg.; A. W. Ray, v. p. & gen. mgr.; J. F. Ray, v. p.-sales; R. G. Ray, v. p.-mfg.
Automatic controls for product or process.
Trade Names: Dial-A-Flo*; Flamepulse*; hi-flo; Hi-Temp*; Hydramotor*; Hydranoid*; K-27 Kompact; LuXray; Midgitrol; Multipoised; Perfxray*; Telestat; Tempotherm*; Thermopilot*; Thermorama*; Thermoramic*; Thermoramic Center; Versatrol; Violet Ray.

General Electric Co.
1 River Rd., Schenectady 5, N. Y.
Phone: FRanklin 4-2211.
Electric equipment, devices, and supplies.

General Electric Co.,
Air Conditioning Dept., Major Appliance Div.
C. W. Moeller, gen. mgr.; R. J. Kalember, mgr., finance.

Room Air Conditioners
Appliance Park, Louisville 1, Ky.
Phone: GLendale 4-7511.
T. D. Eberhardt, mgr. mktg.; W. L. Breault, mgr. mfg.; W. G. Spiegelhalter, mgr. engrg.; E. F. Howington, mgr. sales; G. F. Kiewert, mgr. adv. & sales prom.; C. E. Ring, mgr. prod. planning; A. T. Taft, mgr. prod. service; M. G. Johnson, mgr. materials.
Room air conditioners.
Trade Names: Thinline; Easy-Mount; Porta-Cart; Zoneline.

Central Air Conditioners
Troup Hwy., Tyler, Texas. Phone: LYric 3-2561.
W. J. McCullough, gen. mgr.; C. B. Ramsdell, mgr. mktg.; J. J. Heffernan, mgr. adv. & sales planning; R. D. Roley, mgr. prod. planning.
Residential and commercial air conditioners, residential heating and all-electric heat pumps.
Trade Names: Weathertron*; Air-Wall*; Imperial*.

General Electric Co., Capacitor Dept.
Upper Broadway, Ft. Edward, N. Y.
Phone: RH. 7-3341.
Branch Factory: Electronic Capacitor Product Section, Irmo, S. C. Phone: ALpine 2-6332.
G. T. Shannon, sales mgr.; R. E. Meyers, mfg. mgr.; N. R. Clark, engr. mgr.; H. P. Waldron, pur. agt. Irmo: H. Brunton, Jr., mkt. mgr.; C. J. Roddy, mfg. mgr.; W. H. Yeamans, mgr. engrg.; W. P. Mason, buyer.
Running capacitors (Ft. Edward plant) and starting capacitors (Irmo plant) for air conditioning and refrigeration equipment.
Trade Name: Alumalytic*.

General Electric Co.,
Communication Products Dept.
Lynchburg, Va. Phone: VI. 6-7311.
Branch Factory: Syracuse, N. Y.
H. Van Aken, gen. mgr.; G. H. Floyd, adv. mgr.; R. A. Page, pub. rel.; J. Griffin, pur. agt.; R. Gifford, engrg. mgr.; B. White, factory mgr.
Communications systems for cars and trucks; two-way mobile radios; dispatch radio systems; in-plant radios; closed circuit television.
Trade Names: Progress Line; Transistorized Progress Line.

General Electric Co.,
General Purpose Control Dept.
P.O. Box 913, Bloomington, Ill. Phone: 967-6261.
R. B. Kurtz, dept. mgr.; R. J. Rodwell, mkt. mgr.; T. L. Mayes, OEM products mgr.; E. F. Puck, dist. & user mgr.; A. G. Davidson, Jr., adv. & sales prom. mgr.; W. G. Christiana, mgr. pur. & plant facilities; J. W. Cooke, mgr. engrg.
Motor controls, pilot devices and accessories.
Trade Name: Pan-A-Trol.

General Electric Co.,
Household Refrigerator Dept.
Appliance Park, Louisville, Ky.
Phone: GL. 4-7511.
W. D. Dance, dept. mgr.; J. F. McBride, mktg. mgr.; A. G. Janos, engrg. mgr.; M. Alves, mfg. mgr.
Refrigerators and freezers.

General Electric Co., Large Lamp Dept.
Nela Park, Cleveland 12, Ohio.
Phone: GLenville 1-6600.
D. D. Scarff, gen. mgr.; M. R. King, adv. mgr.; F. P. Nemec, pur. agt.
Lamps for every lighting purpose.

General Electric Co., Small Integral Motor Dept.
1605 Winter St., Fort Wayne 4, Ind.
Phone: ANthony 7161.
J. F. Welch, gen. mgr.; G. T. Graham, mktg. mgr.; J. H. Oman, mfg. mgr.; E. B. O'Hora, air cond. & refrig. sales mgr.; W. N. McCroskey, hermetic engrg. mgr.
1-5 hp integral motors, hermetic motors.
Trade Name: Tri-Clad '55.

General Equipment Mfg. & Sales, Inc.
1350 Stadium Dr., Indianapolis 7, Ind.
Phone: MElrose 2-2594.
F. P. Thomas, pres.; D. J. Thomas, v. p.; P. R. Brown, sales mgr.; R. E. Wildman, adv. mgr.; F. Moritz, pur. agt.; R. C. Dimmich, chief engr.; W. O. Brown, service mgr.
Soft ice cream freezers, malt and custard freezers; viscous liquid coolers; refrigerated truck and trailer bodies.
Trade Names: Sani-Serv; Sani-Shake; Gemco; Entrodyne; Flextemp.

General Filters, Inc.
43800 Grand River Ave., Novi, Mich.
Phone: FIeldbrook 9-2481.
Branch Factory: Scarborough, Ont., Can.
Grace Redner, pres.; R. A. Redner, v. p.-pur.; R. P. Redner, v. p.-engrg.; Winifred Brooks, secy.-treas.; W. A. Miller, sales dept.; J. F. White, factory mgr.
Filters for fuel, hydraulic, and lubricating oils; warm air humidifiers, soot remover, water traps.
Trade Name: Unifilter.

General Fittings Co.
Box 151, East Greenwich, R. I.
Phone TU. 4-5800.
H. F. Horton, pres.; V. G. Gooding, v. p.-sales; L. T. Ross, treas.
Bronze sweat fittings, pipe unions, tankless water heaters, heat exchangers, heating specialties, electric heaters.

General Foam Plastics Corp.
801 Mt. Vernon Ave., Portsmouth, Va.
Phone: 393-6061.
Burk Zanft, pres.; Ascher Chase, mfg. mgr.
Expanded polystyrene foam insulation.
Trade Name: Gen-A-Lite.

General Industries Co., The
Olive & Taylor Sts., Elyria, Ohio.
Phone: FAirfax 3-3136.
A. W. Fritzsche, bd. ch.; W. E. Foster, pres.; F. N. McGlynn, sales mgr., a.c. motors; J. M. Callihan, sales mgr., plastics div.; J. R. Perkins, sales mgr., series motors; C. W. Heidrich, pur. agt.; R. L. Smith, dir. engrg., plastics div.; D. F. Bubb, chief engr., plastics div.; H. A. Shumaker, dir. engrg., mech. div.
A.C. induction motors, series motor, and plastic molding.
Trade Name: G.I.

General Machine & Mfg. Co.
103-111 Blair St., Berwick, Pa.
Phone: PLateau 2-3631.
R. A. Oliver, gen. mgr.; L. R. Waldron, sales mgr.; R. S. Bond, supt.; K. A. Gould, engr.
Commercial refrigeration condensing units, hermetic and open type; walk-in coolers and freezers.
Trade Name: Diceler.

General Tire & Rubber Co., The
1708 Englewood Ave., Akron 9, Ohio.
Phone: REpublic 3-6311.
T. F. O'Neil, ch.; M. G. O'Neil, pres.; L. A. McQueen, exec. v. p.; O. G. Vinnedge, v. p.-ind. prod. div.; E. B. Butler, pub. rel. mgr.; Glenn Orr, chief engr.
Door gaskets; gaskets; mounts; rubber parts; vibration eliminators; plastic and rubber tubing.

General Vending Machine Corp.
3338 Chippendale Ave., Philadelphia 36, Pa.
Phone: DEvonshire 2-1352.
E. A. Terhune, pres.
Bottle and can vending machines.

Genie-Air, Div. of N. T. W. Corp.
3001 E. 11th St., Los Angeles 23, Calif.
Phone: AN. 9-7341.
B. H. Miller, gen. mgr.; W. C. Walter, natl. mktg. mgr.; M. L. Miller, adv. mgr.
Exhausters-recirculators ER models—12 models to 23,000 cfm; power roof exhausters PRE models—21 models to 30,000 cfm; suppliers S models—18 models to 23,000 cfm.

Gennett & Sons, Inc.
1 Main St., Richmond, Ind. Phone: 2-2151.
Fred Gennett, pres.; Richard Gennett, v. p.; Henry Gennett, secy.-treas.
Ice carts, ice storage cabinets, and combination ice carts and shelf carts.

Gerett, Inc., M. A.
724 W. Winnebago St., Milwaukee 5, Wis.
Phone: BR. 2-2575.
H. H. Piper, pres., sales & pur.; W. Wandrey, exec. v. p., engrg.
Damper regulator hardware.
Trade Name: E-Z-On.

Gerrard & Co., A. J.
400 E. Touhy Ave., Des Plaines, Ill.
Phone: VA. 7-5121.
Branch Factory: Leeds, Ala.
J. M. Gerrard, pres.; D. F. Downing, v. p.; Mel Ross, pur. agt.
Insulation tools and strapping, pressure sensitive tape.
Trade Names: Expand-R-Strap; Finger Strap.

Gerwin Industries, Inc.
Michigan City, Ind. Phone: TR. 2-5586.
A. L. Yeager, pres.; L. C. Cotts, v. p.; D. A. Lynch, v. p.; H. G. Brenner, engr.
Baseboard air distribution and electric heating.
Trade Name: Thermo-Base*.

Gibson Refrigerator Sales Corp.,
Subsidiary of Hupp Corp.
W. Williams, Greenville, Mich.
Phone: PL. 4-5621.
Branch Factory: Belding, Mich.
W. C. Conley, pres.; L. W. Hamper, Jr., v. p.; A. J. Grewe, v. p., appliance sales; D. H. Heinlen, v. p.-adv.; W. H. Winn, mgr., air cond. & dehu. sales; C. R. Simons, mgr.-freezer sales; G. L. Hendrickson, mgr.-range sales.
Room air conditioners, refrigerators, freezers, dehumidifiers, electric ranges.

Gillett & Eaton, Inc.
(See Gould-National Batteries, Inc., Engine Parts Div.)

Girton Mfg. Co.
State & Third Sts., Millville, Pa.
Phone: GLencourt 8-2211.
P. K. Girton, pres.; W. E. Deaner, sales mgr.; D. L. Evans, gen. sales engr.; John Casurella, adv. mgr.; E. P. Kline, pur. agt.; Robert Ebersole, chief engr.; Paul Apple, plant supt.; D. B. Girton, works mgr.; Stanley Watts, prod. mgr.
Bulk and surface milk coolers; truck refrigeration units.

Glacier Mfg. Co.
10309 E. Rush, P.O. Box 3553,
So. El Monte, Calif. Phone: CU. 3-5929.
A. J. Thean, pres.; C. A. Langill, Jr., v. p.
Beer equipment, beverage equipment.

Glasco Corp.
Fifth & Perkins St., Muncie, Ind.
Phone: ATlas 4-1471.
Bird Kelly, pres.; N. J. Burtt, v. p.; W. T. Janney, adv. mgr.
Automatic vendors, food service equipment.

Glo-Brite Foam Plastics, Inc.
6415 N. California Ave., Chicago 45, Ill.
Phone: RO. 1-4045.
M. Fine, pres.; M. Segez, v. p.; S. Maxwell, sales mgr.; A. Walters, pur. agt.; D. Carney, fac. mgr.
Styrofoam insulation parts; insulated containers of foam plastic, styrofoam low temp. pipe covering and anti sweat insulation for pipes.
Trade Names: OEM; Freez/Safe*.

Global Air Conditioning, Div. of Tuck-Aire Furnace Co.
2045 Evans Ave., San Francisco 24, Calif.
Phone: VA. 4-4621.
J. P. Tuck, pres.; R. C. Boehm, v. p. & sales mgr.; J. E. Blyth, air cond. mgr.; D. O. Itse, adv. mgr.; J. E. Sime, pur. agt.; H. Marble, chief engr.; J. Randuch, factory mgr.; E. Schaffert, service mgr.
Air conditioning and heating units.
Trade Names: Atlas; Western.

Gloekler Refrigerator Co.
W. 20th & Randolph Sts., Erie, Pa.
Phone: TEmple 8-1928.
R. K. Gloekler, pres. & sales mgr.; C. J. Eisert, pur. agt.
Commercial refrigerators, reach-ins, and walk-ins; custom-built cases and refrigerators.

Goodall Rubber Co.
Whitehead Rd., Trenton, N. J.
Phone: JUniper 7-4000.
Branch Factory: Melrose Park, Ill.
F. B. Williamson, III, pres.; R. A. Eck, v. p.; H. G. Dusch, v. p.; L. Hutton, asst. v. p.
Mechanical rubber goods.
Trade Name: Long Life.

Goodfellow Co., Inc., E. D.
496 E. Bodley Ave., Memphis 6, Tenn.
Phone: WH. 2-3251.
E. D. Goodfellow, pres.; David Ballon, v. p.; C. E. Goodfellow, gen. mgr. & pur. agt.; A. S. Mann, factory mgr.
Cooling towers, air-cooled condensers, centrifugal pumps.
Trade Names: Good-Fellow; Good Pumps.

Goodrich Co., The B. F., Sponge Products Div.
Shelton-Derby, Conn. Phone: REgent 5-4661.
Insulation tubing; sponge rubber; seals; gaskets.

Goodrich Industrial Products Co., B. F. Div. of B. F. Goodrich Co.
500 S. Main St., Akron 18, Ohio.
Phone: BLackstone 3-1171.
Branch Factories: Marietta, Marion, Ohio.
Rubber and plastic industrial products.
Trade Name: Koroseal.

Goodyear Tire & Rubber Co., The
1144 E. Market St., Akron 16, Ohio.
Phone: FR. 6-1411.
Branch Factories: St. Marys, Ohio; N. Chicago, Ill.; Lincoln, Neb.
E. J. Thomas, bd. ch.; R. DeYoung, pres.; V. Holt, Jr., & H. L. Hyde, exec. v. p.; S. DuPree, v. p.-prod.; M. W. Laibe, v. p.-pur.; R. B. Warren, gen. mgr., indus. prod.; J. P. Kelley, dir. of adv.; R. H. Lane, dir. pub. rel.; J. D. Petersen, mgr. engrg.
Hose, belts, molded and extruded parts, gasket and packing materials, miscellaneous rubber and plastic goods.

Gorman-Rupp Industries, Inc.
Belleville, Ohio. Phone: TUxedo 6-3001.
J. C. Gorman, bd. ch.; H. E. Rupp, pres.; H. M. Montgomery, exec. v. p.; E. M. Smith, v. p.-research; F. K. Ackerman, v. p.; R. H. Jefferson, sales mgr.; R. J. Stretch, mdse. mgr.; R. R. Mong, pur. agt.; V. K. Steidley, chief engr.; M. P. Wilson, factory. mgr.
Centrifugal pumps.
Trade Name: Mansfield.

Goss Gas, Inc.
Route #8, Glenshaw, Pa. Phone: STerling 1-8700.
J. C. Goss, pres.; H. C. Goss, exec. v. p.; P. H. Berry, sales mgr.
Torches, acetylene; LP gas, leak detectors.
Trade Name: Acet-O-Lite.

Gould Co., J. D.
4707 Massachusetts Ave., Indianapolis, Ind.
Phone: LIberty 7-5289.
J. D. Gould, J. D. Gould, Jr., partners.
Solenoid valves.
Trade Name: Velvetrol.

Gould-National Batteries, Inc., Engine Parts Div.
First National Bank Bldg., St. Paul 1, Minn.
Phone: CApital 2-4171.
Branch Factories: Lake City, Minn.; Eau Claire, Wis.; Philadelphia; Howell, Mich.; Longmont, Colo.
F. W. Roth, pres.; H. G. Barnes, exec. v. p.; N. R. Farsje, v. p. & dir.-automotive & gen. sales; J. O. Lutz, mgr.-sales engrg.
Iron and aluminum pistons, piston rings, iron and aluminum castings.
Trade Names: Superior; Pedrick; White; Burd; Gillett & Eaton.

Goulds Pumps, Inc.
240 Fall St., Seneca Falls, N. Y.
Phone: LO. 8-5811.
N. J. Gould, pres.; E. E. Backlund, v. p.-mktg.; S. A. Bunis, sales mgr.; W. B. Helene, adv. mgr.; P. J. Olmstead, chief engr.; A. H. Barben, factory mgr.; W. W. Eastman, export mgr.
Pumps.

Governair Corp.
4840 N. Sewell, Oklahoma City, Okla.
Phone: JA. 5-6546.
W. A. Quinn, pres.; C. K. Fitzgerald, v. p.; W. L. Hunt, sales mgr.
Commercial and industrial air conditioning and refrigeration equipment.

Grace & Co., W. R., Davison Chemical Div.
101 N. Charles St., Baltimore 3, Md.
Phone: SA. 7-3900.
W. E. McGuirk, Jr., pres.; R. D. Goodall, v. p. & gen. mgr., Chemicals Div.; P. Edmunds, asst. gen. mgr., Chemicals Div.; D. P. Barrett, sales mgr., Industrial Chemicals; C. V. Martin, pur. agt.
Silica Gel, microporous desiccant, and insulation.
Trade Names: PA-100; PA-400; Syloid 244; Microtraps.

Grand Island Furnace & Supply Co.
356 N. Elm, Grand Island, Neb.
Phone: DU. 2-1670.
W. H. Hehnke, pres. & gen. mgr.; H. L. Hanson, sales & pur. agt.

Heating and air conditioning sheet metal fittings and prefab duct.
Trade Name: EZ-FLO.

Grand Rapids Brass Co., Div. of Crampton Mfg. Co.
420 50th St., S.W., Grand Rapids, Mich.
Phone: LEnox 2-3661.
J. H. Scott, pres.; B. A. Briton, v. p.-sales; M. A. Felix, v. p.-mfg.; R. W. Clark, v. p.-engrg.; J. A. Caswell, sales mgr.
Cabinet hardware castings, nameplates and escutcheons.

Grant Wilson, Inc.
(See Wilson, Inc., Grant)

Graymills Corp.
3705 N. Lincoln Ave., Chicago 13, Ill.
Phone: GR. 7-4100.
R. Hollis, bd. ch. & pres.; E. E. Scheibe, exec. v. p. & factory mgr.; E. Roels, asst. sales mgr.; C. Haley, pur. agt.; D. W. Darrah, export mgr.
Water pumps for ice making machines; coolant pumps for machine tools.
Trade Name: Superflo.

Grayson Controls Div., Robertshaw-Fulton Controls Co.
Long Beach Blvd. at Long Beach Freeway, Long Beach 5, Calif. Phone: NE. 8-6111.
W. F. Jackson, v. p. & gen. mgr.; H. F. Jacobsmeyer, sales mgr.; M. F. Grace, product sales mgr., heating controls; H. E. Jackson, pur. agt.; M. J. Caparone, chief engr.
Control systems for water heating, central heating, and space heating.
Trade Names: Unitrol; Mini-Pilot; CinTarg Pilot.

Great Lakes Mfg. Co.
4223 Monticello Blvd., Cleveland 21, Ohio.
Phone: EV. 2-5500.
J. A. Kanuch, pres.; R. A. Swanson, secy.-treas.; T. G. Crider, staff engr., refrig.
Military air and fluid pumps, refrigerant compressors, desiccators.

Great Western Steel Co.
2310 West 58th St., Chicago, Ill.
Phone: HE. 4-5800.
Branch Factory: Milwaukee.
W. E. Thoresen, pres.; K. E. Crane, v. p.; G. V. Berger, controller; C. W. Zerler, asst. to pres. & pur. agt.
Steel warehouse.

Green Colonial, Inc.
322 S. W. Third St., Des Moines 6, Iowa.
Phone: CH. 4-2241.
W. C. Percival, pres.; L. F. Oline, v. p. & sales mgr.; Shirley Percival, Jr., secy.-treas.; Murray Goodman, adv. & sales prom. mgr.
Warm air heating and central cooling.
Trade Name: Green Crescent.

Greene Mfg. Co.
1028 Douglas Ave., Racine, Wis.
Phone: ME. 7-1221.
J. M. Hamilton, pres.; Jerry Harms, sales mgr.; J. J. Masik, pur. agt.; Herb. Gatzke, plant mgr.
Metal mouldings and stampings.

Greenheck Fan & Ventilator Corp.
Schofield, Wis. Phone: FL. 9-3124.
Branch Factory: Tucson, Ariz.
B. A. Greenheck, pres.; R. C. Greenheck, v. p.; L. Grade, office mgr.
Power fans and ventilators.

Greenlee Tool Co.
2136 12th St., Rockford, Ill. Phone: WO. 3-4881.
R. J. Samuelson, v. p.; M. J. Tuckett, gen. sales mgr.
Hydraulic pipe and tube benders, pipe pushers and wood boring bits.

Grinnell Co., Inc.
260 W. Exchange St., Providence 1, R. I.
Phone: TE. 1-7000.
Branch Factories: Cranston, R. I.; Atlanta; Warren, Ohio; Columbia, Pa.; Wrightsville, Pa.; J. D. Fleming, pres.; C. H. Rison, treas.; R. T. Clapp, secy. & counsel; A. R. Davies, gen. plant mgr.; C. J. Haugum, mgr. supply sales div.; W. J. Duggan, gen. pur. agt.
Pipe fittings, pipe hangers, unit heaters.
Trade Name: Thermolier.

Gulf Oil Corp.
Gulf Bldg., Houston 2, Texas.
Phone: CA. 5-3141.
Petroleum products.

Gummed Products Co., The, Div. of St. Regis Paper Co.
421 S. Union St., Troy, Ohio. Phone: FE. 2-1271.
E. F. Herrlinger, II, pres. & gen. mgr.; E. G. Frahm, v. p. & controller; H. L. Heise, v. p.-research; R. A. Havemann, v. p.-engrg.; J. W. Markley, treas.; F. A. Winninger, sales mgr.
Adhesives, complete line of gummed, coated, and laminated products.
Trade Name: Trojan.

Gustin-Bacon Mfg. Co.
210 W. 10th St., Kansas City 5, Mo.
Phone: HArrison 1-7788.
A. L. Gustin, Jr., bd. ch.; J. T. Conlon, pres.; F. W. Muller, v. p. & gen. sales mgr.; M. P. Crowther, orig. equip. mgr.; H. M. Grant, indus. insul. mgr.; H. R. Hogendobler, chief engr.; I. D. Snyder and John Leason, factory mgrs.
Glass fiber insulations, thermal and acoustical; prefabricated glass fiber duct.
Trade Names: Ultralite*; Ultrafine*; G-B Snap-On*; Ultracoustic*; G-B Duct*.

H

H & H Tube & Mfg. Co.
245-275 N. Forman, Detroit 17, Mich.
Phone: VI. 2-3600.
C. H. Higgins, bd. ch. & pres.; R. L. Higgins, v. p. & gen. mgr.; J. C. Martin, treas.; J. S. Couzens, sales & adv. mgr.; S. R. Buelow, pur. agt.; C. DeLise, chief engr.; R. Hughes, gen. supt.; C. E. Martin, quality control mgr.
Brass and copper tubing, straight lengths, fabricated parts and coils; brass and copper strip.

Haaser Sales Co.
410 Justice St., Fremont, Ohio.
Phone: FE. 2-7191.
Harry Haaser, owner.
Roller dollies.
Trade Name: Bantam.

Hackney Bros. Body Co.
P.O. Box 920, Wilson, N. C. Phone: 237-0105.
T. J. Hackney, bd. ch.; T. J. Hackney, Jr., pres.; R. H. Hackney, v. p.; J. H. Brunt, Jr., sales mgr.; W. T. Wray, Jr., pur. agt.; J. M. Daniel, Jr., chief engr.
Refrigerated truck bodies and trailers; truck refrigeration units.

Hadley Products Co., Inc.
301 Gilman St., Marietta, Ohio.
Phone: FR. 3-9169.
Harry M. Hadley, pres.
Permanent, washable air filters.
Trade Name: Evenflo.

Haering & Co., Inc., D. W.
P.O. Box 21337, Terrell Wells Station, San Antonio 21, Texas. Phone: WAlnut 2-1235.
V. W. Haering, pres.; E. S. Brandt, adv. mgr.; M. Wieding, pur. agt.; E. H. Snyder, chief engr.
Water treatment chemicals.
Trade Name: H-O-H.

Haertel Co., Walter
2840 Fourth Ave. S., Minneapolis 8, Minn.
Phone: TA. 3-6214.
W. G. Haertel, pres.; L. R. Ferm, exec. v. p.; D. Lee, chief engr.

Fur and garment storage refrigerators, dehumidifiers, shelving.
Trade Names: Airmaster; Vaultmaster; Storagemaster; Adjusto Deck.

Hall-Neal Furnace Co.
1324 N. Capitol Ave., Indianapolis, Ind.
Phone: MElrose 5-7441.
F. S. Boone, pres.; F. S. Gombert, v. p.; T. Williams, sales mgr.; L. Schmalz, pur. agt.
Central air conditioning; gravity and forced air, coal, gas, and oil furnaces; electronic cleaners.
Trade Names: Victor; Halco; Victoraire.

Halstead & Mitchell Co.
705 Bessemer Bldg., Pittsburgh 22, Pa.
Phone: AT. 1-7774.
Branch Factory: Zelienople, Pa.
Byron Halstead, F. E. Halstead, C. J. Mitchell, W. E. Rapp; H. I. Schmidt, sales mgr.; R. Wolfe, chief engr.
Air and water-cooled condensers; air handlers; heating and cooling coils; cooling towers; evaporative condensers; bulk finned surface.
Trade Name: H & M.

Hammond Valve Corp.
1844 Summer St., Hammond, Ind.
Phone: WE. 1-3200.
S. Greenwald, pres.; W. Petersen, v. p.-mfg.; M. R. Beschloss, gen. sales mgr.; L. Weier, asst. sales mgr.; W. C. Clark, chief engr.
Bronze valves.
Trade Names: Brite-Kote*; Bronze Valves.

Handy & Harman
850 Third Ave., New York 22, N. Y.
Phone: PL. 2-3400.
C. W. Handy, bd. ch.; J. C. Travis, pres.; M. W. Townsend, v. p.; J. W. Colgan, v. p.; P. G. Feld, sales mgr.; F. M. Gault, adv. mgr.; E. E. Tietz, mktg. mgr.; A. M. Setapen, brazing products mgr.; R. E. Burke, field sales mgr.
Alloys of silver and gold; silver brazing alloys and fluxes.
Trade Names: Easy-Flo; Sil-Fos; Handy Flux.

Hannifin Co., Div. of Parker-Hannifin Corp.
501 S. Wolf Rd., Des Plaines, Ill.
Phone: VAnderbilt 7-1171.
O. J. Maha, pres.; H. H. Adams, v. p. & mgr., power cylinder div.; Z. J. Lansky, mgr., air valve & crown div.; M. E. Lawrence, mgr., machinery div.; R. G. Broberg, sales mgr., power cylinder div.; W. C. Thompson, sales mgr., air valve & crown div.; A. W. Blackshaw, sales mgr., machinery div.; M. R. Gault, secy.-treas.; J. M. Sheviak, sales prom. mgr.; C. A. Miller, pur. agt.
Power cylinders, air and hydraulic; directional air control valves; air line regulators, filters and lubricators; presses, pneumatic and hydraulic; hydraulic riveting and punching equipment, portable and stationary.
Trade Names: Crown; Effortless; Hy-Power; Lap Seal; Lipseal*; Packless; Pilot-Master; Tru-Bored; Honed; Directaire.

Hansen Mfg. Co., The
4031 West 150th St., Cleveland 35, Ohio.
Phone: CLearwater 2-3880.
F. E. Hansen, bd. ch.; R. J. Borneman, pres.; L. J. Hansen, v. p. & gen. sales mgr.; H. J. Hansen, v. p.-engrg.; B. W. Manning, asst. v. p. & gen. mgr.; W. A. Drexler, pur. agt.; M. J. Nelson, chief engr.; R. W. Hursh, dir. research.
Quick-connective fluid line couplings and hose fittings.
Trade Names: Push Tite; HK.

Hansson, Inc., Elof
711 Third Ave., New York 17, N. Y.
Phone: MU. 7-1177.
Branch Factories: Beverly Hills, Calif.; Radnor, Malvern, Pa.; Rowayton, Conn.
G. T. Hansson, pres.; Paul Erney, gen. sales mgr.; David Block, adv. mgr.; E. S. Bishiop, mgr. engrg.; N. Wolintz, prod. mgr.
Duct silencers, sound insulation, noise absorbers, air distributing acoustical ceilings.
Trade Names: Uni-Silencer; Uni-Resonator; Take-Off Silencer; Hansoflow; Vent-Spline.

Harris Co., J. W.
433 W. Ninth St., Cincinnati 3, Ohio.
Phone: PA. 1-2531.
J. W. Harris, Jr., pres.; E. F. Cahn, v. p.
Solder and soldering fluxes.
Trade Names: Stay-Silv; Stay-Brite; Stay-Clean.

Harris Mfg. Co., Inc.
308 River St., Cambridge 39, Mass.
Phone: UNiversity 4-4000.
C. C. E. Harris, pres. & gen. mgr.; C. W. J. Harris, v. p. & chief engr.; R. S. Jamison, sales mgr.; P. W. Hunt, service mgr.
Biological and medical refrigerators, environmental test equipment, low temperature cascade refrigeration units.

Harrison Radiator Div., General Motors Corp.
Lockport, N. Y. Phone: 3-2611.
Branch Factory: Buffalo.
L. A. Zwicker, gen. mgr.; W. A. Jack, gen. sales mgr.; F. J. Watkins, sales mgr.; C. E. Oliphant, sales mgr.; D. R. Swick, adv. mgr.; R. P. Shaw, pub. rel. mgr.; C. A. McNaboe, pur. agt.; F. C. Ryan, chief engr.; J. R. Jackson, service mgr.
Automotive air conditioning units, under hood and under dash types.

Hart & Cooley Mfg. Co., Div. of Allied Thermal Corp.
500 E. Eighth St., Holland, Mich.
Phone: EX. 2-3166.
G. W. Copeland, bd. ch.; G. D. Heeringa, pres.; J. D. Jencks, v. p.; E. J. Rowder, sales mgr.; J. H. Van Dyke, asst. sales mgr.; J. Corwin, pur. agt.; P. D. Winchester, factory mgr.
Diffusers, registers, and grilles; gas vent pipe.
Trade Names: Kwik-Way; No-Flex; Diffusaire; Tripl-Aire; Fixt-Aire; Metlvent.

Hart Mfg. Co., The
129 Bartholomew Ave., Hartford 1, Conn.
Phone: JA. 5-3491.
G. H. Hart, bd. ch. & pres.; S. M. Tuttle, v. p. & treas.; R. E. McIntosh, gen. sales mgr.; J. T. Vincent, adv. & sales prom. mgr.; R. W. James, pur. agt.; H. R. Dahmer, chief engr.
Electrical and temperature controls.
Trade Name: Diamond H.

Hartell, Inc.
Huntington Valley, Pa.
E. A. Hartnett, sales mgr.; C. B. Wells, chief engr.
Condensate disposal pumps; automatic steam pumps; pumps for ice makers; automatic laundry tray pumps.
Trade Name: Centriflo.

Harvell-Kilgore Sales Corp.
Bolivar, Tenn. Phone: 4311.
J. P. Wray, pres.; G. J. Bishop, v. p.-sales; D. Smith, pur. agt.
Smoke candles, leak detectors.
Trade Names: K-30-Y; K-60-0.

Harvey Aluminum, Inc.
19200 S. Western Ave., Torrance, Calif.
Phone: SPruce 5-2181.
L. M. Harvey, pres.; L. A. Harvey, v. p.; H. M. Harvey, v. p.
Aluminum extrusions, tube, rigid conduit, moldings, impact extrusions forgings; screw machine products.

Haskelite Mfg. Div., Evans Products Co.
701 Ann St., Grand Rapids 2, Mich.
Phone: GL. 8-1331.
Branch Factory: Plymouth, Mich.
R. B. Evans, v. p. & gen. mgr.; W. C. Finkenstaedt, asst. gen. mgr.; D. G. Slawson, Jr., sales mgr.; C. F. Liebert, asst. treas.
Laminated insulated panels to specification; low temperature insulated containers and truck bodies.
Trade Names: Plymetl*; Hasko-Struct*.

Hastings Air Conditioning Co., Inc.
108 S. Colorado, Hastings, Neb. Phone: 2-4193.
W. T. Swingle, pres.; P. Wintroub, v. p. & sales mgr.; W. W. Curtis, pur. agt.; L. Buckley, chief engr.
Air conditioners; air handling units; gas heaters; duct furnaces; hoists.
Trade Names: Double-Kool; Hoist-It; Clean-It.

Hastings Air Control, Inc.
3215 Leavenworth St., Omaha 5, Neb.
Phone: 342-4422.
P. Wintroub, pres. & sales mgr.; M. S. Frankle, v. p.; L. S. Wintroub, secy.-treas.; R. L. Wintroub, asst. sales & adv. mgr.
Residential and commercial air conditioning equipment; gas unit heaters and duct furnaces; gas power burners; hoisting units.
Trade Names: Double-Kool; Adjusto-V; Hoist-It; Clean-It.

Hastings-Raydist, Inc.
Newcomb Ave., Hampton, Va.
Phone: PArk 3-6531.
C. E. Hastings, bd. ch. & pres.; Mary C. Hastings, v. p. & adv. mgr.; H. A. Samet, v. p.; J. M. Benson, v. p.; R. T. Doyle, dir. of instrument sales.
Vacuum, pressure, velocity, and flow measuring instruments.
Trade Names: Electroverter; Air-Meter.

Hatfield Wire & Cable, Div. of Continental Copper & Steel Industries, Inc.
487 Hillside Ave., Hillside 5, N. J.
Phone: MUrdock 8-6400.
Branch Factories: Union, Linden, N. J.
M. S. Gordon, pres.; L. W. Grotta, div. v. p.; M. A. Wachstein, div. v. p.; E. H. MacLeod, sales mgr.; J. Q. Bourne, adv. & export mgr.; A. Kraus, pur. agt.; P. Penvenne, chief engr.; G. Charmoy, factory mgr.
Electrical, insulated wire, cable, and cord.
Trade Names: Hatcorone; Armakote; UFlex; Flexacon; Frigidflex; Hatemp; Heet-X; Hydrakote; Hydratemp; Hatex; Hatflex; Hatseal; Hatvinol; Hatrol; Permaprene; Ripflex; Thermatrol.

Havens Cooling Towers, Div. of Haven Structural Steel Co.
1713 Crystal, Kansas City 26, Mo.
Phone: BE. 1-5791.
F. R. Havens, pres.; C. F. Watts, sales mgr.; R. L. Greiner, pur. agt.; B. B. Brand, chief engr.; W. L. Gibbons, factory mgr.
Packaged induced draft cooling towers.
Trade Names: 33 Series; V Series; V-M Series; CBC Series.

Hawthorn Mfg. Co.
P.O. Box 256, Hawthorn, Pa. Phone: EN. 5-3401.
J. L. Knupp, pres. & gen. mgr.
Pipe and fittings for warm air heating and air conditioning.

Hays Mfg. Co., Automatic Controls Div.
801 West 12th St., Erie, Pa.
Phone: GLendale 2-3221.
W. H. Forster, pres.; J. D. Clemens, v. p.; K. M. Root, secy.-treas.; L. L. Buzzard, sales mgr., air cond. div.; R. L. Hutchings, asst. sales mgr., air cond. div.
Flow controls.
Trade Names: Shur-Flo; Straitflo; Hush-A-Matic; Mesurflo; Electroflo; Electro-Mite; Midg-O-Matic; Marfaid.

Heat Controller, Inc.
1900 Wellworth Ave., Jackson, Mich.
Phone: STate 4-8541.
J. A. Knight, bd. ch. & pres.; H. R. Horton, v. p.; K. O. Schultz, sales mgr.; H. P. Ellis, service mgr.
Room air conditioners, central and commercial air conditioners, heat pumps, and dehumidifiers.
Trade Name: Comfort-Aire*.

Heat Exchangers, Inc.
1749 W. Carroll Ave., Chicago 12, Ill.
Phone: SEeley 3-2950.
D. H. Sniader, pres.; F. J. Thiry, gen. mgr.; F. G. Duda, sales mgr.; A. Mortell, pur. agt.
Beverage dispensers; air conditioners heat exchangers; hot chocolate dispensers; liquid coolers; condensing units.
Trade Names: Buckingham; Coronet; Koldwave; Choc-Lo-Matic.

Heatrex, Inc.
1272 S. Main St., Meadville, Pa., Dept. ACH&RD.
Phone: 4-3261.
R. R. Sundback, pres.; F. D. Weber, v. p.; W. Phelan, secy.-treas.; J. E. Gill, K. E. Weber, factory sales engrs.; H. E. Kastel, pur. agt. & plant mgr.; R. R. Heck, chief engr.
Electric heating and defrosting elements for air conditioning, heating, and refrigeration equipment.

Heatron, Inc,
333 Eberts Lane, York, Pa. Phone: 2-9594.
C. K. Shanaman, pres.; R. H. Shanaman, exec. v. p. & treas.; David Snow, v. p.-sales; Mrs. D. L. Golden, secy.-asst. treas.
Hermetic liquid and centrifugal pumps, formed wire heat exchangers and heat exchanger pipe, coolant coolers, capacity boosters.
Trade Name: Thermek.

Heat-X, Inc., Subsidiary of Dunham-Bush, Inc.
Brewster, N. Y. Phone: 9-3751.
C. Boling, pres.; P. K. Barker, v. p. & gen. mgr.; J. A. Mulcahey, v. p.-sales; T. Swayne, asst. sales mgr.; E. Stevenson, pur. agt.; A. Hershey, chief engr.
Liquid coolers; water chillers; beverage coolers; heat exchangers; oil separator mufflers; package chillers.
Trade Name: Inner Fin.

Hedeman Products, Inc.
117 Cutter Mill Rd., Great Neck, N. Y.
Phone: HUnter 2-8700.
R. M. Hedeman, pres.; Rose Giglio, office mgr.
Beverage dispensing equipment.
Trade Names: Koroseal; Polyquip; Procon; Snaptite; Aeroquip; Hansen; Skinner.

Heil Process Equipment Corp.
12901 Elmwood Ave., Cleveland 11, Ohio.
Phone: CL. 2-4141.
Branch Factory: Berea, Ohio.
C. E. Heil, bd. ch.; E. W. Vereeke, pres.; H. P. Heil, v. p.; G. King, pur. agt.; F. W. Arndt, chief engr.; R. F. Protiva, plant mgr.
Plastic ducts; hoods, fittings; plastic fans; fume scrubbers.
Trade Names: Rigidon; Rigivin; Rigidene; Rigipro.

Heil-Quaker Corp.
647 Thompson Lane, Nashville, Tenn.
Phone: AL. 6-6694.
J. F. Heil, ch.; L. W. Conrad, pres.; G. E. Hochstein, v. p.-mktg.; P. Costomiris, gen. sales mgr.; F. Zwanzig, reg. sales mgr.; T. F. Mitchell, reg. sales mgr.; F. Leavitt, reg. sales mgr.; B. Ogilvie, pur. agt.; R. King, dir. engrg.; Dick Herbert, air cond. chief engr.; F. Bittner, chief engr., central htg.; J. Mathis, chief space heater engr.
Central heating; air conditioning; space heaters.

Hein-Werner Corp.
1200 National Ave., Waukesha, Wis.
Phone: LIberty 2-6611.
J. D. Watson, pres.; H. J. Scullin, sales mgr.; M. L. Lumb, pur. agt.; H. Feilbach, chief engr.; L. C. Hoene, secy.; E. G. Bach, treas.
Pipe benders, tube benders.
Trade Name: Tal Bender.

Heller Roberts Instruments Corp.
6115 Carnegie Ave., Cleveland 1, Ohio.
Phone: EN. 1-6161.
Branch Factories: Chicago; Brooklyn.
A. J. Rinehardt, pres.; W. F. Fulton, v. p.; E. J. Eagle, sales mgr.
Staplers, tackers, wire stitchers.

Henderer's Sons, A. L.
688 Maryland Ave.,Wilmington 99, Dela.
Phone: OL. 2-1014.
W. E. Henderer, partner; W. E. Henderer, II, partner.
Expanders, tube and pipe; hydraulic pressure test pumps.

Henry Furnace Co., The
Medina, Ohio. Phone: PArk 2-1571.
Branch Factory: Elyria, Ohio.
R. N. Campbell, pres.; E. I. Kreeger, v. p.-mfg.; R. E. Hammerschmidt, asst. sales mgr.; J. S. Garber, adv. mgr.; E. D. Cook, pur. agt.; W. J. Watchler, dir. engrg.; C. L. Grandstaff, chief appl. engr.
Residential and commercial summer air conditioners, air and water cooled; combination year-round air conditioners, air and water cooled, gas and oil fired; gas fired unit heaters; prefabricated galvanized duct, pipe, and fittings; gas fired duct furnaces; air-to-air heat pumps.
Trade Names: Moncrief*; Surefit.

Henry Valve Co.
3215 North Ave., Melrose Park, Ill.
Phone: Melrose Park, FIllmore 4-1100; Chicago, COlumbus 1-3668.
B. D. Henry, pres.; C. V. Gary, exec. v. p. & gen. sales mgr.; R. W. Carvell, adv. & sales prom. mgr.; L. J. Fischer, pur. agt.; E. Jones, chief engr.; G. Schaefer, works mgr.; R. C. Johnson, export mgr.
Shut-off valves, packed and packless; relief valves, check valves, and line-tapping valves; driers; filter-driers; strainers; liquid level gauges; liquid and moisture indicators; flanges and fittings, steel; hoses and charging manifolds for low pressure refrigerants and ammonia.
Trade Names: Dri-Cor*; Dri-Vue*; Golden Bantam*; Blue Bantam*; Cross-Vue*; Abso-Dry*; Wave-Flow*.

Hermetic Parts, Inc.
901 Ross Ave., Wausau, Wis. Phone: VI. 2-3881.
J. Mertinke, owner; G. R. Mertinke, prod. mgr.
Cleaner for refrigeration systems after a hermetic compressor burn out.
Trade Name: System Cleaner.

Hermetic Seal Corp.
43 River Rd., North Arlington, N. J.
Phone: WY. 8-8080.
Branch Factories: Rosemead, Pasadena, Calif.
M. N. Glickman, pres. & treas.; J. D. Wood, v. p. & secy.
Glass to metal seals.
Trade Name: Vac-Tite.

Hermetics, Inc.
6122 N. 21st St., Philadelphia 38, Pa.
Phone: VI. 8-9522.
H. Moskoff, pres.; H. M. Yarrow, v. p.; M. E. Mazack, shop supt.

Herrel & Sons, Inc., John
244 Lear St., Columbus 6, Ohio.
Phone: CA. 4-5251.
E. E. Herrel, pres.; H. F. Herrel, v. p.; G. F. Presley, pur. agt.; O. P. Herrel, factory mgr. & engr.
Commercial refrigerators.

Herrick Refrigerator Co.
1019 Commercial St., Waterloo, Iowa.
Phone: ADams 4-5705.
E. N. Northey, Sr., pres.; M. Michaelsen, asst. sales mgr.; G. H. Northey, pur. agt.; R. Davis, chief engr.; E. N. Northey, Jr., factory mgr.
Commercial reach-in refrigerators and freezers; walk-in coolers and freezers.

HERRmidifier Co., Inc.
1810 Hempstead Rd., Lancaster, Pa.
Phone: EX. 4-4021.
P. A. Herr, pres.; W. H. Tonner, sales mgr.; G. T. Reese, pur. agt.; Julijs Laiva, engr.; C. E. Freeland, factory mgr.
Humidification equipment for home and industry.
Trade Names: Daffinaire; Return-Aire.

Hewitt-Robins, Hewitt Rubber Div.
666 Glenbrook Rd., Stamford, Conn.
Phone: DAvis 4-1151.
Branch Factory: Buffalo.
T. Robbins, Jr.,; A. Goodyear, pres.; F. L. Griffith, v. p.; W. R. Needham, adv. mgr.
Industrial rubber hose and molded rubber products.
Trade Names: Monarch*; Servall*; Conservo*; Maltese Cross*.

Hi-Lo Valve Co.
P.O. Box 3262, Capital Sta.,
Oklahoma City, Okla. Phone: JA. 5-3341.
C. G. Gardner, mgr.; Cad Jones.
Valves, hermetic access and valve manifolds.

Hi-Mill Mfg. Co.
1704 Highland Rd., Highland, Mich.
Phone: MU. 4-1355.
R. F. Beard, pres. & dir. of sales; R. W. Beard, v. p. & plant mgr.; R. D. Giles, factory mgr.
Driers, accumulators, coils, all types of tube forming, copper-aluminum connectors.

Higgins Metal Products Co., The
2000 Broadway, Swanton, Ohio. Phone: 3050.
I. A. Higgins, pres.; J. F. Higgins, v. p. & gen. mgr.; R. C. Higgins, v. p.-engrg.; Leonard Wozniak, gen. supt.
Metal products for gas appliance industry.
Trade Name: Fulton.

Highside Chemicals Inc.
10-18 Colfax Ave., Clifton, N. J.
Phone: PR. 7-0626.
J. F. Post, pres.; T. B. Roessel, v. p.
Liquid dehydrants, sealing compounds, leak detectors.
Trade Names: Thawzone; Trace; Leak Lock.

Hill & Co., Inc., C. V.
360 Pennington Ave., Trenton 1, N. J.
Phone: LYric 9-9861.
G. J. Doyle, pres.; H. N. Corbin, v. p.-sales C. A. Butler, regional accts. sales mgr.; H. M. Manser, adv. mgr.; D. H. Jones, dir-pub. rel. & sales prom.; H. Weizer, indust. rel. mgr.; F. Strock, pur. agt.; D. E. Rutishauser, dir. engrg.; C. E. Bain, factory mgr.; J. Brennan, service mgr.; B. Edwards, export mgr.
Commercial refrigeration; display cases; market fixtures.
Trade Name: Savage.

Hill, Inc., Walter P.
22183 Telegraph Rd., Southfield, Mich.
Phone: KEnwood 4-9190.
W. P. Hill, pres.; B. Elzerman, v. p.; E. Radgowski, treas., chg. of pur.
Swedging tools, pipe and tube benders, extrusion presses, tape controlled drilling machines, gun drilling and boring machines; numerical controlled machines.

Hilson Industries, Inc.
5300 Vine St., Cincinnati 17, Ohio.
Phone: PLaza 1-3282.
I. S. Benjamin, pres.; G. E. Hileman, exec. v. p.; J. D. Hileman, asst. secy.
Automatic ice vending machines.
Trade Names: Serv-ette; Robot.

Hirschman-Pohle Co., Inc.
9 Lent Ave., LeRoy, N. Y. Phone: LeRoy 265.
K. F. Pohle, pres.; W. E. Hirschman, v. p. & treas.; C. C. Durney, secy.
Roof ventilators, power and gravity.
Trade Names: Statick*/Effico*/Coolero*/Firma.

Hirsh Mfg. Co., S. A.
8051 Central Park Ave., Skokie, Ill.
Phone: CO. 7-4140.
I. J. Ferdinand, pres.; D. Shulman, sales mgr.; L. Sultan, pur. agt.; M. Handler, chief engr. & factory mgr.
Shelving and gondolas; shelving standards.

Hodge Boiler Works, The
111 Sumner St., East Boston 28, Mass.
Phone: LO. 7-5100.
S. P. Lynch, pres.; J. I. Lynch, treas.; H. A. Dyer, sales mgr.; J. H. Lynch, engr.
Pressure vessels, quick-opening doors, power and heating boilers, steel plate work.

Hoerbiger Corp. of America
160 Van Brunt St., Brooklyn, N. Y.
Phone: TR. 5-5386.
Sigurd Golten, pres.; Jens Bakken, v. p.; G. M. Lund, mgr.
Compressor valves, parts, and regulators.

Hoffman Specialty Mfg. Corp.
1700 W. 10th St., Indianapolis 7, Ind.
Phone: ME. 2-7546.
Branch Factory: Shippensburg, Pa.
P. G. Hoffman, bd. ch.; N. D. Skinner, pres.; R. G. McCracken, v. p.; H. R. Ryan, v. p.; W. W. Dillon, sales mgr.; R. Gelarden, pur. agt.
Steam-hot water heating specialties.

Holderle Bros., Inc.
1214 Brooks Ave., P.O. Box 8527,
Rochester 19, N. Y. Phone: FAirview 8-1968.
F. W. Holderle, pres.; F. S. Holderle, v. p.; H. C. Holderle, treas.; N. F. Holderle, secy. & refrig. engr.; J. A. Haefner, refrig. sales engr.; W. R. Hoover, IAI product designer.
Soda fountains; cafeteria and luncheonette equipment; candy and bakery display cases.
Trade Name: Honor-Bilt.

Holly-General Co., Div. of Siegler Corp.
P.O. Box 2098D, Pasadena, Calif.
Phone: SY. 6-2635.
Branch Factory: Burbank, Calif.
R. K. Miller, pres.; Lon Chaney, v. p.-prod.; Hugh Blumenshine, v. p.-engrg.; C. W. Dodds, controller.
Air conditioners; gas fired forced air furnaces; recessed wall heaters; floor furnaces; water heaters.
Trade Names: Pin-Up; Air-Trol; Duo-Trol; Narrowall; Stubby; General Duroglas; General Medallion.

Holsclaw Bros., Inc.
408 N. Willow Rd., Evansville, Ind.
Phone: HA. 3-7721.
C. H. Holsclaw, pres.; W. F. Miller, sales mgr.; R. L. Elfreich, pur. agt.; G. A. Maes, factory mgr.
Pipe and tube benders.
Trade Name: Handy.

Holub Industries, Inc.
413 DeKalb Ave., Sycamore, Ill. Phone: 2161.
B. E. Holub, pres.; G. W. Wetzel, v. p. & sales mgr.; J. W. Hope, asst. sales mgr.; P. F. Froeb, mktg. mgr.; A. R. Linden, pur. agt.
Electric connectors; fasteners; masonry drilling equipment; pipe hangers and supports; tube hangers, straps, and clips.
Trade Name: Hi.

Home Furnace Co.
280 E. Sixth St., Holland, Mich.
Phone: EX. 2-2368.
A. J. Dalman, mgr.; C. J. Becker, pur. agt.; A. C. Becker, secy.-treas.; F. Harbin, engr.
Furnace fittings.

Home Owners Utilities Co., Inc.
226 Lexington Ave., New York 16, N. Y.
Phone: MU. 5-4309.
Branch Factory: Larchmont, N. Y.
J. Freyman, pres.; E. E. Regan, v. p.; E. Thompson, sales mgr.; J. Kalb, gen. mgr.
Electric heating, automatic chemical radiators.

Hoover Electric Co.
2100 S. Stoner Ave., Los Angeles 25, Calif.
Phone: BRadshaw 2-3125.
Dr. V. A. Hoover, pres.; L. Blunt, gen. mgr.; A. Pfalzer, Jr., sales mgr.
Electric motors, AC and DC; blowers.
Trade Name: Helco.

Hotpoint Div. of General Electric Co.
5600 W. Taylor St., Chicago 44, Ill.
Phone: MA. 6-2000.
Branch Factories: Milwaukee; Cicero, Ill.
W. C. Wichman, v. p. & gen. mgr.; I. L. Griffin, mgr. refrig. div.; A. M. Utt, adv. mgr.; J. F. Adamik, sales prom. mgr.; M. R. Hebert, public rel. mgr.
Refrigerators; food freezers; air conditioners.

Houghton & Co., E. F.
303 W. Lehigh Ave., Philadelphia 33, Pa.
Phone: REgent 9-7100.
Branch Factories: Detroit; Chicago; San Francisco; Carrollton, Ga.
A. E. Carpenter, bd. ch.; W. F. MacDonald, pres.; Frank Ross, v. p.-sales; D. P. Hughes, Jr., adv. mgr.; C. Kalmbach, pur. agt.
Lubricants; rust preventives; hydraulic packings and fluids; cleaning compounds.
Trade Names: Rust Veto; Houghto-Safe; Houghto-Clean; Cerfa-Kleen; Vix-Syn; Seal-Guard.

Howard Industries, Inc.
1760 State St., Racine, Wis.
Phone: MElrose 2-2731.
Branch Factory: Festus, Mo.
E. J. Hansen, pres.; G. R. Anderson, Jr., v. p. & gen. mgr.; W. A. Ernst, v. p. & sales dir.
Fractional horsepower motors.

Howard Refrigerator Co., Inc.
Grant Ave. & Blue Grass Rd., Philadelphia 15, Pa.
Phone: HO. 4-6800.
A. Fogel, pres.; H. J. Fogel, v. p.; H. B. Glover, v. p.-sales.
Commercial refrigeration.
Trade Name: Glover.

Howe Ice Machine Co.
2825 Montrose, Chicago 18, Ill.
Phone: IR. 8-8160.
H. B. Howe, pres. & sales mgr.; E. E. Howe, v. p. & sales prom. mgr.; Bob Howe, asst. sales mgr., service mgr. & export mgr.; George DeVille, adv. mgr.; Stanley Reid, pur. agt.; Dick Howe, chief engr.; C. W. Howe, factory mgr.
Compressors; water-cooled condensers; chillers; receivers; unit coolers; fin and pipe coils; flake ice makers.
Trade Name: Conditionaire.

Howell Electric Motors Co.
409 N. Roosevelt St., Howell, Mich.
Phone: Howell 20.
Branch Factories: Maple Heights, Dayton, Ohio; Plainfield, N. J.
C. Bland, bd. ch.; A. C. Flood, pres.; A. S. Millman, v. p.; J. F. Murphy, v. p.-sales; H. Richard, treas.; I. S. Ribicoff, secy.
Electric motors, 1/30 to 300 hp.
Trade Names: RedBand; Leland; Ohio; Kingston Conley.

Hubbell Corp.
407 East Hawley Rd., Mundelein, Ill.
Phone: LO. 6-7330; RO. 1-1224.
Mrs. E. C. Heinzelman, pres.; E. B. LaPlante, exec. v. p. & gen. mgr.
Controls and valves.
Trade Name: Hubbell-ize.

Hubbell, Inc., Harvey
State St. at Bostwick Ave., Bridgeport, Conn.
Phone: EDison 3-1181.
H. Hubbell, Sr., bd. ch. & pres.; G. R. Weppler, v. p. & gen. mgr.; J. C. Hicks, v. p.-sales; W. H. Gatenby, v. p.-admin.; D. M. Lyon, adv. mgr.; J. P. Griffin, pur. agt.; W. A. Sunter, mgr.-com'l engrg.; A. Hartman, service mgr.
Electrical wiring devices; machine screws and fasteners.
Trade Names: Twist-Lock; Twist-Tite; Hubbellock; Insulprene; Interlock; Jackrabbit; Pres-Switch.

Huck Mfg. Co.
2480 Bellevue Ave., Detroit 7, Mich.
Phone: 923-4500.

A. W. Armour, pres.; A. E. Benkert, exec. v. p.; J. E. Callahan, v. p.-sales; R. J. Ruth, sales prom. mgr.; W. A. Garrett, dir. of pur.
Fasteners, blind rivets, rivet installation tools.
Trade Names: Huckbolt*; Daisy*; Conical Keystone.

Hudson Industries, Inc.
4400 St. Aubin St., Detroit 7, Mich.
Phone: TE. 2-0715.
J. L. Hudson, pres. & pur. agt.; F. K. Hudson, v. p.; C. Alexander, sales mgr.; S. Semeraz, chief engr.; J. C. Houghton, service mgr.
Soft drink dispensing equipment; carbonators; plastic tubing; change-over valves for CO_2 gas cylinders.
Trade Names: Kool-Flo; Triple Jet; Flexlite.

Hupp International Div., Hupp Corp.
1135 Ivanhoe Rd., Cleveland 10, Ohio.
Phone: ULster 1-6200.
Branch Factories: Cleveland; Brooklyn; Tampa; Detroit; Waynesboro, Ga.; Greenville, Belding, Mich.
D. S. Smith, pres.; Roy Scantlebury, v. p.; A. R. Cline, Jr., v. p.; P. D. Middleton, v. p.; Robert Suazo, export mgr.
Air conditioners; heat pumps; dehumidifiers; refrigerators; freezers; ranges; furnaces; space heaters; oil ranges; air-cooled condensers; infra-red; aluminum and fiber glass boats.
Trade Names: Gibson; Perfection; Typhoon; Aluma-Craft.

Hussey & Co., C. G.
2850 Second Ave., Pittsburgh 19, Pa.
Phone: GRant 1-3650.
J. R. Lally, pres.; J. G. McNeely, v. p. & sales mgr.; R. W. Myers, v. p. & pur. agt.
Copper and brass sheet coil strip; copper and brass tube, fin copper.

Hussmann Refrigerator Co.
2401 N. Leffingwell Ave., St. Louis 6, Mo.
Phone: JE. 1-0800.
Branch Factories: Haddonfield, N. J.; Menlo Park, Calif.; Brantford, Ont., Can.
W. B. McMillan, bd. ch.; J. R. Caulk, Jr., pres.; C. M. Ruprecht, v. p.-mfg.; A. B. Biddle, v. p.-mktg.; A. P. Viragh, v. p.-sales; H. A. Giovanni, secy.-treas.; V. B. Winkeler, asst. secy.-treas.; L. C. Gragg, dir. pur.; E. V. Dickson, dir. engrg.; R. H. Shaffer, dir. mfg. engrg.
Food store display and storage refrigerators, reach-in and walk-in refrigerators, normal and low temperature; condensing units for remote and self-contained application; coils, condensers, and receivers.

Huyette Co., Inc., The Paul B.
401 N. Broad St., Philadelphia 8, Pa.
Phone: WA. 2-6070.
Branch Factory: New York City.
S. L. Huyette, pres.; C. E. Daily, v. p.; E. H. Owens, v. p.; A. Burns, treas.
Tank gauges, water level gauges, gauge cocks.
Trade Name: PBH.

Hygrodynamics, Inc.
949 Selim Road, Silver Spring, Md.
Phone: JU. 8-6156.
Electrical instruments for measurement recording and/or control of humidity, temperature pressure and icing conditions.
Trade Names: Humistat; Hygrocel; Hygro-Champ; Aminco-Dunmore; Hydrotector.

I

I. W. Air Conditioning Corp.
230 Manida St., New York 59, N. Y.
Phone: KI. 2-3600.
N. Wenig, pres.; J. Wenig, v. p.; F. Jacobs, chief engr.
Room air conditioners.
Trade Name: In Wall.

Icemaid, Inc.
3163 Adams Ave., San Diego 16, Calif.
Phone: ATwater 3-3193.
Trigg Stewart, pres.; D. P. Comey, v. p.; R. H. Jones, chief engr.; Hugo Mahler, prod. supt.; P. L. Vasques, sales mgr.
Ice cube dispensers, ice cube makers (non automatic), ice makers (automatic), ice storage cabinets.
Trade Name: Sodamaid.

Ideal Cooler Corp.
2830 Magazine St., St. Louis 6, Mo.
Phone: JE. 1-3324.
Walk-in coolers and freezers; bottled beverage coolers; draft beer coolers; reach-in refrigerators.
Trade Name: Speed Freeze.

Ideal Electric & Mfg. Co., The
E. First & Oak Sts., Mansfield, Ohio.
Phone: LA. 2-3611.
S. B. Vinson, pres.; D. C. Watt, exec. v. p.; D. H. Ruark, asst. v. p.; J. E. Markham, adv. & sales prom. mgr.; R. E. Schroeder, personnel mgr.; W. C. Hayes, pur. agt.; C. P. Robinson, chief engr.; W. German, factory mgr.; R. J. Crawford, service mgr.
Motors, motor-generator sets, generators, switchgear, and controls.

Ideal Industries, Inc.
1085 Park Ave., Sycamore, Ill. Phone: 2114.
Branch Factory: Petersburg, Ill.
M. A. Buettell, pres.; E. T. Juday, v. p.; G. B. Koch, gen. sales mgr.; Ronald Pearson, adv. mgr.; A. E. Buettell materials mgr.
Soldering equipment, wire connectors, vacuum cleaners.
Trade Names: Thermo-Grip; Wire Nut; Wing Nut.

Ilg Electric Ventilating Co.
2850 N. Pulaski Rd., Chicago 41, Ill.
Phone: KI. 5-1520.
J. M. Frank, bd. ch.; W. H. Rietz, pres.; J. J. Friedler, Jr., exec. v. p. & sales mgr.; C. W. Dexter, v. p. & adv. mgr.; C. F. Rietz, v. p. & production mgr.; S. Heyerick, v. p. & pur. agt.; R. Parker, v. p.; D. Ball, chief engr.; W. Paulsen, factory mgr.; W. Moberly, service mgr.
Fans, blowers, unit heaters, electric heating products, and air conditioning equipment.
Trade Names: Ilgair; Ilgette; Ilgwind; Ilgdualaire; Ilgvent.

Imeco, Inc.
3033 W. Belmont Ave., Chicago 18, Ill.
Phone: JU. 8-7117.
Branch Factory: Polo, Ill.
A. J. Brandecker, pres.; H. W. Michler, v. p.; R. S. Jones, sales mgr.; R. A. Willingham, plant mgr.
Commercial refrigeration equipment.
Trade Names: Coldjet; Chilljet; Lotemp.

Imperial-Eastman Corp.
6300 W. Howard St., Chicago 48, Ill.
Phone: SPring 4-1700.
F. C. Shafer, bd. ch.; W. C. Musham, pres.; C. H. Benson, v. p.-dist. sales; T. Douglas, OEM sales mgr.; G. H. Duerr, v. p.-mktg.; G. E. Franck, v. p.-engrg.; C. H. Puls, adv. & sales prom. mgr.-a.c. & refrig.; C. A. Browne, pur. agt.; F. J. McNellis, export mgr.
Refrigeration valves; liquid indicators; driers; flared tube fittings; tube working tools; charging and testing equipment.
Trade Names: Diamond; Torpedo; Triple-Seal; Hi-Duty; Rol-Air; Blue Dot; Hi-Lo; Flex; Kwik-Tite; Hi-Seal; Nylo-seal; Poly-Flo; Magic Eye; Flex-King; Red Head.

Imperial Electric Co.
64-84 Ira Ave., Akron, Ohio. Phone: BL. 3-9126.
Branch Factory: Middleport, Ohio.
R. T. Dudley, sales mgr.
Electric motors and generators.
Trade Names: Armored; Steadypower.

Imperial Mfg. Co.
13151 Sherman Way, No. Hollywood, Calif.
Phone: TRiangle 7-8955.
T. M. Northcote, pres.
Evaporative cooler pumps.

Independent Register Co., The
3747 E. 93rd St., Cleveland 5, Ohio.
Phone: MI. 1-6150.
B. N. Richardson, pres.; K. B. Solberg, sales mgr.; A. H. Ullman, treas.
Registers and grilles for heating, ventilating, and air conditioning.
Trade Name: Fabrikated.

Indiana-MacKay Foundry Corp.
407 West 10th St., Muncie, Ind.
Phone: ATlas 8-8809.
C. W. Tuttle, pres.; W. M. Jackson, v. p. & gen. mgr.; J. G. Phillips, plant mgr.; R. R. Rufer, foundry supt.
Castings.

Industrial Acoustics Co., Inc.
341 Jackson Ave., New York 54, N. Y.
Phone: CY. 2-0180.
Martin Hirschorn, pres.; A. C. Hawthorne, v. p.; Joseph Placco, secy.; C. N. Rink, asst. v. p.; L. Braverman, pur. agt.; F. Oran, chief engr.
Air conditioning noise control; acoustic fan plenums.
Trade Names: Quiet-Duct; Conic-Flow; Quiet-Vent.

Industrial Appliance Wire Products, Essex Wire Corp.
Sycamore, Ill. Phone: 4501.
J. Gerber, sales mgr.
Electric wire and cable.

Industrial Combustion, Inc.
4447 N. Oakland Ave., Milwaukee 11, Wis.
Phone: EDgewood 2-4100.
Branch Factory: Monroe, Wis.
J. V. Resek, pres.; H. J. McCoy, v. p.-engrg.; F. M. Jordan, sales mgr.
Commercial and industrial gas burners, oil burners, boiler-burner plants.
Trade Names: Hev-E-Duty Gas; Hev-E-Oil; Highlander.

Industrial Devices, Inc.
Edgewater 1, N. J. Phone: WHitney 3-4084.
Nathan Schnoll, pres.; N. J. Seiden, sales mgr.; Bernard Schnoll, adv. mgr.; G. E. Mesnick, pur. agt.; L. W. Grimley, plant mgr.
Voltmeters, voltage indicators, pilot lights, insulated clips, plastic parts.
Trade Names: Mini-Volt; Hi-Volt; Lo-Volt; Line-Volt; Safe-T-Klip; Omni-Glow.

Industrial Engineering & Equipment Co.
24 Hanley Industrial Ct., St. Louis 17, Mo.
Phone: MIssion 7-3380.
Milton Epstein, pres.; J. F. Brasch, asst. gen. mgr.
Electric heating elements; duct heaters; electric hot water booster heaters.
Trade Name: Indeeco.

Industrial Refrigeration Co., Inc.
8940 Ellis Ave., Los Angeles 34, Calif.
Phone: UPton 0-6664.
E. P. Wells, pres. & chief engr.; Tom Donohue, dir. mktg.
Environmental test equipment, electronic package coolers, liquid chillers, refrigeration systems for industry.
Trade Name: Inreco.

Infra Insulation, Inc.
330 Tompkin Ave., Staten Island, N. Y.
Phone: YUkon 1-6600.
J. R. Schwartz, pres.; I. H. Rome, exec. v. p.; Murray Mintz, sales mgr., adv. & sales prom. mgr.
Aluminum building insulation.

Ingersoll-Rand Co.
11 Broadway, New York 4, N. Y.
Phone: DI. 4-6070.
Branch Factories: Allentown, Athens, Pa.; Painted Post, N. Y.
R. H. Johnson, ch.; L. C. Hopton, pres.; E. J. Parish, exec. v. p.; W. J. Heinz, v. p.-sales; J. A. Wiendl, gen. sales mgr.; E. R. Sheerin, treas.; A. W. Loomis, adv.; R. C. Behrens, pur. agt.
Pumps, condensers, hoists, compressors, steam jet cooling systems, air and electric tools.

Inland Mfg. Div., General Motors Corp.
2727 Inland Ave., P. O. Box 1050, Dayton 1, Ohio.
Phone: AM. 8-6511.
L. C. Wolcott, gen. mgr.; A. J. Fouts, mgr.-refrig. & misc. sales.
Ice cube trays and door gaskets.
Trade Name: Magic Touch.

Inland Steel Co.
30 W. Monroe St., Chicago, Ill.
Phone: FI. 6-0300.
Branch Factories: Indiana Harbor, Ind.; Chicago Heights, Ill.
J. L. Block, bd. ch.; P. D. Block, Jr., v. ch.; J. F. Smith, pres.; R. M. Buddington, v. p.-sales; H. W. Johnson, v. p.-planning & research; W. C. Caples, v. p. ind. & pub. rel.; L. B. Block, v. p.-pur.; F. Jaicks, v. p. steel mfg.; L. B. Hunter, v. p.-adm.; R. L. Peters, v. p.-finance; C. B. Jacobs, v. p.
Galvanized sheets and coils; plates and structurals; basic open hearth steels; hot and cold rolled sheet and strip; enameling iron sheets and coils; hot rolled bars.
Trade Names: Ti-Co.; Paint-Tite; Ti-Namel.

Inland Steel Products Co.
P.O. Box 393, Milwaukee 1, Wis.
Phone: EV. 3-4030.
Branch Factories: Baltimore; Cleveland.
W. A. Jahn, pres.; D. L. Rossiter, v. p.-sales; F. L. Wood, v. p.-operations; E. J. Cullen, mgr. sales, sheet metal products; T. C. Ray, mgr. pur.
Heating and air conditioning ducts, pipes, and fittings, access doors, ventilators.
Trade Names: Milcor*; Lock-Joint; Spinner.

Insto-Gas Corp.
998 E. Woodbridge Ave., Detroit 7, Mich.
Phone: WO. 3-3384.
A. L. Wiener, pres.; J. F. Hirshfeld, v. p.; W. W. Steinert, sales mgr.
LP-gas blow torches, leak detectors, soldering torches and soldering iron heaters.
Trade Names: Insto-Hot; Salamanders; Infra-Red; Blower Heaters.

Insul-Fil Co., Inc., Div. of Miracle Adhesives Corp.
250 Pettit Ave., Bellmore, L. I., N. Y.
Phone: CA. 1-0950.
L. R. Cutler, pres.; W. C. Agnoli, v. p. & gen. mgr.
Insulation, underground pipe.

Interchemical Corp., Finishes Div.
224 McWhorter St., Newark 5, N. J.
Phone: MItchell 2-8300.
Branch Factories: Los Angeles; Chicago; Cincinnati.
C. W. Scott, pres.; H. E. Meyer, exec. v. p.; P. O. Blackmore, adv. & sales prom. mgr.; E. Mack, pur. agt.; J. Grannen, chief engr.
Industrial finishes.
Trade Names: Polymerin; Polyfax; Roxaprene; Vitrilan; Paladin.

International Automotive Air Conditioning, Inc.
Subsidiary of: Investment Corp. of Florida
1927 S.W. First Ave., Ft. Lauderdale, Fla.
Phone: JA. 3-9673.
G. P. Edwards, pres.; Philip Morgaman, exec. v. p. & treas.; M. H. Morley, v. p.; W. I. Hayhurst, gen. mgr.; Chris. Hengeveld, Jr., secy. & asst. treas.

Auto air conditioning—under dash type.
Trade Names: Nordic; Nordic Dialair.

International Boiler Works Co., The
62 Birch St., E. Stroudsburg, Pa.
Phone: HA. 1-5100.
J. B. Kingsley, pres.; M. Hebard, Jr., asst. to pres.; G. Stabenow, v. p.-engrg.; M. Chaffier, controller; C. C. Boushell, sales mgr.; J. C. Masters, pur. agt.; S. B. Strauser, secy.
Water tube heating and power boilers.
Trade Names: Thermojet; Coal-Pak; Compak.

International Heater Co.
101 Park Ave., Utica, N. Y. Phone: RA. 4-7111.
H. F. Randolph, pres.; Murray Wheeler, exec. v. p.; A. I. Whiteley, v. p.; H. E. Russell, Jr., v. p.-sales; H. A. Chester, pur. agt.; W. R. Riehl, chief engr., heating; Allan Trask, chief engr., cooling.
Residential and light commercial heating and cooling equipment.

International Mfg. Co.
600 E. Sheridan, Oklahoma City, Okla.
Phone: CE. 2-2546.
J. D. Harden, pres. & sales mgr.; G. F. Tharp, v. p. & factory mgr.; D. L. Poindexter, chief engr.; M. Eslick, export mgr.
Air handling units; fan-coil type, ceiling, under window, wall.

International Metal Products Div. of McGraw-Edison Co.
500 South 15th St., Phoenix, Ariz.
Phone: ALpine 4-7101.
A. D. Goettl, pres.; R. S. Ash, asst. to pres.; J. S. McConnell, v. p.-res. & com'l air coolers; R. E. Abbott, v. p. & gen. mgr., refrig. & air cond. dept.; Mrs. L. Rapinchuk, adv. mgr.; K. Stewart, dir. of pur.; A. Goettl, dir. research & engrg.; J. Rice, plant mgr.; J. Goettl, works mgr.; A. P. Colburn, export mgr.
Residential and commercial evaporative coolers; residential and commercial air conditioning units.
Trade Names: Arctic Circle; Alpine.

International Oil Burner Co.
3800 Park Ave., St. Louis 10, Mo.
Phone: PR. 1-2410.
S. J. Heiman, pres.; T. L. Brown, v. p.-sales; J. L. Heiman, v. p.-managment; Bob Perko, prod. mgr.; Rich Borage, personnel dir.
Hot water electric baseboard heaters; residential oil, gas, electric furnaces and electric air conditioners; mobile home oil, gas, and electric furnaces and air conditioners; fans; warm air registers and fiber ducting.
Trade Name: Weatherite*.

International Register Co.
2620 W. Washington Blvd., Spring Grove, Ill.
Phone: VA. 6-4242.
A. M. Kinney, pres.; E. J. Bohnen, v. p.; J. C. Griffin, v. p.-finance; H. H. Rosenheim, v. p.-sales.
Timing controls & coin meters.
Trade Name: Intermatic.

Ionac Chemical Co., Div. of Pfaudler Permutit, Inc.
Birmingham, N. J. Phone: TWinoaks 4-8211.
R. Van Iderstine, gen. mgr.; Morris Wolfe, sales mgr.; A. W. Pieper, adv. mgr.
Water treatment chemicals.

IPCO Laboratories, Inc.
2710 Apple Valley Rd., N.E., Atlanta 19, Ga.
Phone: CE. 3-4162.
W. T. Leak, pres.; E. G. Griggs, secy.-treas.
Water treatment chemicals and engineering services.

Irolite Finishing Co.
323 Greenwich St., New York 13, N. Y.
Phone: WAlker 5-1439.
Max Freundlich; Fred Kantor.
Canvass covers for room air conditioners.
Trade Name: IFCO.

Iron Fireman Mfg. Co.
3170 W. 106th St., Cleveland 11, Ohio.
Phone: ORchard 1-3500.
Factories: Portland; Toronto, Ont., Can.
L. J. Cox, pres.; J. H. Jordan, v. p.; R. C. Wright, v. p. & chief engr.; H. M. Cutshaw, sales mgr.; W. J. Blanke, mktg. mgr.; D. Wylie, adv. mgr.; F. S. Kalinowski, sales prom. mgr.; T. M. Abate, pur. agt.; R. W. Freeman, factory mgr.; J. F. Roche, service mgr.; R. F. Lunt, export mgr.
Residential and commercial air conditioning and heating equipment; industrial oil-gas burners.

Irving Hermetics-Valve Plates, Bill
1425 Lincoln Blvd., Santa Monica, Calif.
Phone: EXbrook 4-4210.
D. W. Irving, sales mgr. & pur. agt.
Rebuilder of valve plates.

Isocyanate Products, Inc.
900 Wilmington Rd., New Castle, Del.
Phone: EAst 8-5661.
J. B. Smith, pres. & sales mgr.; J. G. Keffer, v. p. & prod. mgr.; K. P. Satterly, secy.-treas. & technical dir.
Urethane insulating foams.
Trade Name: Isofoam.

J

Jabsco Pump Co.
1485 Dale Way, Costa Mesa, Calif.
Phone: KI. 5-8251.
M. C. McCray, pres.; A. A. McCray, v. p.; Warren Doble, v. p.; M. G. McLean, sales mgr.; H. S. Warren, dir. mktg.; R. E. Hall, mgr. dist. sales; R. A. Hamilton, adv. & sales prom. mgr.; L. R. Aderer, pur. agt.; A. V. Segelhorst, chief engr.
Pumps (self-priming flexible impeller).
Trade Names: Water Mule; Water Buffalo; Water Puppy; Jabsco-matic; Bilge Skipper; Mini-Puppy.

Jackes-Evans Mfg. Co.
4427 Geraldine Ave., St. Louis 15, Mo.
Phone: EV. 5-8050.
S. F. Jackes, pres.; J. H. Marling, v. p.; R. S. Lehleitner, sales mgr.; J. N. Miller, chief engr.
Solenoid valves.
Trade Names: J-E; Quietrol*.

Jamison Cold Storage Door Co.
Box 70, Hagerstown, Md. Phone: REgent 3-3100.
J. V. Jamison, III, pres.; D. K. Mims, exec. v. p.; F. Odend'hal, v. p.; P. J. Duffy, sales & export mgr.; H. W. Gibney, pur. agt.; E. A. Nixon, chief engr.; C. E. Dehart, factory mgr.
Cold storage, refrigerator doors and gaskets.
Trade Names: Series "60"; Vap-R-Tyt*; Auto-Close; Frostop*; Electroglide*; Flexidor*; Adjusto-flex; Lo-Temp; E-Z Open; Wedgetight; Jamolite*.

Janitrol Heating & Air Conditioning Div., Midland-Ross Corp.
400 Dublin Ave., Columbus, Ohio.
Phone: CA. 1-6492.
R. A. Bell, v. p. & gen. mgr.; H. C. Gurney, gen. sales mgr.; C. C. Owen, field sales mgr.; P. A. Ryan, adv. & sales prom. mgr.
Heating and air conditioning equipment.

Jarrow Products, Inc.
1238-50 W. Fullerton Ave., Chicago 14, Ill.
Phone: WE. 5-5544.
Branch Factory: Grand Rapids, Mich.
S. L. Jarrow, pres.; M. A. Jarrow, v. p.; Arthur Willer, credit mgr.; A. Monti, chief engr.; R. Nosek, factory mgr.
Refrigerator door gaskets; weather stripping; flexible and rigid vinyl extrusions; extruded and molded rubber parts; sponge rubber parts; charging hoses; door gasket tackers.
Trade Names: Identi-Line*; Curvall*; Jarene; Speed Angle; Safeseal.

Jenkins Bros.
100 Park Ave., New York 17, N. Y.
Phone: ORegon 9-1811.
Factory: Bridgeport, Conn.
Valves and discs.

Jenn Air Products Co., Inc.
1102 Stadium Drive, Indianapolis, Ind.
Phone: ME. 6-2512.
L. J. Jenn, pres.; L. E. Howell, exec. v. p.; F. J. Gaither, sales mgr.
Roof and wall exhausters; sound control curbs; skylights and ventilated skylights.

Jennings & Co.
4309 W. Lake St., Chicago 24, Ill.
Phone: MA. 6-2612.
L. F. Urban, pres.; E. J. Howard, secy. & sales mgr.
Vending equipment.

Jewett Refrigerator Co., Inc., The
2 Letchworth St., Buffalo 13, N. Y.
Phone: TT. 5-6401.
H. S. Ruslander, pres.; A. D. Pearson, v. p.; S. J. Bartel, design engr.
Bottled beverage coolers; refrigerators, freezers, commercial.
Trade Name: Bevador.

Jiffy Covers Corp.
614 Third Ave., New York 16, N. Y.
Phone: MU. 5-9679.
Wm. A. Schwarz, Jr., pres.; J. H. Wilhelm, sales mgr.
Air conditioner covers.

Johns-Manville
22 East 40th St., New York 16, N. Y.
Phone: LE. 2-7600.
C. B. Burnett, pres. & chief exec. officer; J. A. O'Brien, v. p.-sales; R. L. Johnson, v. p. & dir. of adv.; D. L. Hinmon, v. p.-Industrial Div.; J. B. Jobe, gen. mgr., Ind. Insulations Div.; C. C. Simoni, gen. mgr., Pkgs. & Fric. Metals Div.; R. F. Orth, gen. mgr., Pipe Div.; T. H. Eaton, gen. mgr., J-M Fiber Glass, Inc.; E. H. Wells, gen. mgr., Dutch Brand Div.
Insulations: thermal, industrial, electrical, acoustical; pipe, packings and friction materials, cements and tapes, fiber glass products.
Trade Names: Asbestos Ebony; Dutch Brand; Duxseal; Fibrocel; Niagrite; Ohmstone; Spintex; Superex; Transite; Rock Cork; J-M; Microlite; Microtex; Micro-Lok; Transulite.

Johnson Furnace Co., The
2129 W. 117th St., Cleveland 11, Ohio.
Phone: WOodbine 1-5000.
C. A. Olsen, bd. ch.; F. E. Johnson, pres.; J. Crombie, v. p.-sales; A. Chapin, v. p.-prod.; F. DeMaria, pur.; R. M. Warner, treas.; G. Fiedler, research and dev.
Residential warm air heating and cooling units; gas fired unit heaters.
Trade Name: Air-Ease*.

Johnson Metal Hose, Inc.
11 Sperry St., Waterbury 20, Conn.
Phone: PLaza 6-4612.
N. J. Johnson, pres. & sales mgr.; H. J. Corbett, Jr., pur. agt.; M. M. Wetzel, chief engr.; A. Duba, factory mgr.
Flexible hose; vibration eliminator and adsorbers.

Johnson Plastic Corp.
P.O. Box 100, Brown & Stafford Rds., Chagrin Falls, Ohio. Phone: KIngswood 3-1111.
W. F. Miller, Sr., bd. ch.; W. F. Miller, Jr., pres., gen. mgr. & sales mgr.-Vinyl Cove Base, Flooring Div.; E. C. Smith, mgr. air cond. & refrig. div.; T. R. Dean, sales mgr.-Pipe Div. & adv. mgr.
Plastic pipe and fittings; custom extrusions and molded parts.
Trade Names: Johnsonite; Atlas; Cadillac.

Johnson Rubber Co., The
111 Vine St., Middlefield, Ohio. Phone: 632-2111.
W. F. Miller, Sr., bd. ch.; P. C. Miller, pres.; S. M. Johnson, v. p.; E. W. Wright, dir. of sales; L. O. Hopkins, pur. agt.; N. Marcu, chief engr.; H. N. Pettibone, factory mgr.
Molded, extruded, lathe cut, die cut and calendered mechanical rubber goods.

Johnson Service Co.
507 E. Michigan St., Milwaukee 1, Wis.
Phone: BR. 6-9200.
J. A. Cutler, bd. ch.; R. J. Murphy, pres.; A. J. Otto, v. p.-research & dev., engrg. & mfg.; M. M. Herrick, adv. mgr.; H. Schmidt, pur. agt.; H. W. Alyea, dir. engrg.; J. Spangler, dir. mfg.; W. Chapman, dir. research & dev.
Automatic temperature and air conditioning control systems.

Johnson Tank & Tower Co.
1653 Colorado Blvd., Los Angeles 41, Calif.
Phone: CLinton 5-1423.
Edward Johnson, pres.; J. P. Smith, v. p.; M. A. Brooks, secy.-treas.
Cooling towers, wood and metal.
Trade Name: Transflo.

Johnston Brothers, Inc.
Ferrysburg, Mich. Phone: 842-5050.
J. F. Johnston, pres.; J. H. Johnston, exec. v. p.; J. F. Johnston, Jr., v. p.; R. J. Berwald, sales mgr.
Packaged boilers, oil, gas, and coal.

Jones & Laughlin Steel Corp.
3 Gateway Center, Pittsburgh 30, Pa.
Phone: CO. 1-7400.
Branch Factory: Muncy, Pa.
Avery C. Adams, ch. & chief exec. officer; C. M. Beeghly, pres.; J. E. Timberlake, v. p.-sales; C. M. Merritt, gen. mgr.-sales; J. W. Lindsey, v. p.-pur.; A. A. Archibald, v. p-engrg & plant; F. T. Barton, v. p.-special products.
Steel and steel products.

Jordon Commercial Refrigerator Co.
2200 Kennedy St., Philadelphia 37, Pa.
Phone: JE. 5-8301.
W. Fogel, pres.; I. Fogel, secy.-treas.; A. Levin, sales mgr.; J. Mack, institutional div. sales mgr.
Commercial refrigeration.

Joy Mfg. Co.
333 Oliver Bldg., Pittsburgh 22, Pa.
Phone: GRant 1-2140.
Branch Factories: New Philadelphia, Ohio; Michigan City, Ind.; Buffalo.
W. L. Wearly, pres.; L. G. Helmick, exec. v. p.; J. W. Thornton, v. p. & gen. mgr., industrial div.; J. W. Richards, sales mgr.; R. E. Kinter, dir. of sales prom. & adv.
Fans; blowers; compressors; dust collectors.
Trade Names: Axivane*; Microdyne*.

K

K & B Distributors & Mfg.
1335 So. Eastern, Los Angeles 22, Calif.
Phone: AN. 8-2681.
Ray V. Brown; C. F. Knapp.
Air conditioners, heat pumps, coils, filters, adhesives.
Trade Name: Air Commander.

Kahn & Co., Inc.
P.O. Box 516, Hartford 1, Conn.
Phone: JAckson 9-8643.
I. I. Kahn, pres.; K. O. Jacobs, v. p.-pur.; R. S. Sheldon, v. p.-engrg.
Test equipment, control apparatus, electrical-electronic assemblies; dehydrators, dehumidifiers, desiccant reactivators; missile pressurization rigs; compressed gas dryers, electronic indicating instruments.

Kari-Kold Co.
425 Cherry St., S.E., Grand Rapids 2, Mich.
Phone: GL. 6-7211.
G. R. Lorch, pres.; G. G. Lorch, v. p.
Refrigerated hold-over truck cabinets for milk and ice cream.

Karmazin Products Corp.
3776 11th St., Wyandotte, Mich.
Phone: AV. 2-3776.
John Karmazin, Sr., pres.; John Karmazin, Jr., v. p.; Theodore Karmazin, pur. agt.; G. J. Wild, controller; V. J. Hurych, factory mgr.; Josephine Karmazin, pub. rel. mgr.
Steel air-cooled refrigeration condensers.
Trade Name: KPC.

Kason Hardware Corp.
71 Wallabout St., Brooklyn 11, N. Y.
Phone: UL. 5-1173.
A. Sonabend, pres.; A. J. Katz, exec. v. p.; A. Banker, v. p.-sales; E. H. Sonabend, v. p.-prod.; I. Berkowitz, engrg.; D. Goldberg, pur. agt.; E. Del Villar, export mgr.
Refrigerator cabinet hardware.

Kauffman Air Conditioning Co.
4336 W. Pine Blvd., St. Louis, Mo.
Phone: JEfferson 1-1546.
Sam Kauffman, pres.
Room coolers, automobile air conditioners, humidifiers, portable air purifiers.
Trade Name: Safe-Air.

Kawneer Co., Appliance Products Div.
Cynthiana, Ky.
W. J. Woodruff, v. p. & gen. mgr.; H. H. Orr, sales mgr.; J. Pfeiffer, plant mgr.
Aluminum grilles, extrusions; decorative trims, shelves, rolled moldings; stampings; painting.

Keco Industries, Inc.
2438 Beekman St., Cincinnati 14, Ohio.
Phone: GR. 1-3434.
Branch Factory: Santa Ana, Calif.
R. G. Adair, pres.; R. K. Braun, v. p.; G. W. Andrews, v. p.-engrg.; R. G. Strong, v. p. & western div. mgr.; H. Meyer, compt. & asst. treas.; E. H. Cosgrove, pur. agt.
Military air conditioning equipment for special applications.

Kedman Co.
P. O. Box 267, 233 S. Fifth West,
Salt Lake City, Utah. Phone: EM. 3-8869.
G. Z. Edwards, partner; G. A. Langford, partner.
Screw holding screwdrivers.
Trade Name: Quick-Wedge*.

Keeler Co., E.
238 West St., Williamsport, Pa. Phone: 326-5175.
R. S. Krebs, pres.; R. J. Engler, v. p. & sales mgr.
Power and heating boilers.

Keeprite Eastern, Inc.
459 Amboy Ave., Woodbridge, N. J.
Phone: ME. 4-1080.
Branch Factory: Muskogee, Okla.
C. T. Bappler, pres.; H. A. Kerr, v. p.
Finned tubing.

Keflex Mfg. Div. of
U. S. Flexible Metallic Tubing Co.
63 Main St., San Francisco, Calif.
Phone: DOuglas 2-0126.
Factory: Los Angeles.
N. L. Stephens, pres.; F. A. McDonald, v. p. & gen. mgr.; R. A. Malloch, national sales mgr.
Expansion joints, bellows type; vibration absorbers, bellows type; flexible connectors, metal.
Trade Name: U. S. Flex*.

Keith Furnace Co.
2601 Dean Ave., Des Moines 17, Iowa.
Phone: AM. 6-3151.
J. C. Rehmann, pres. & treas.; Eleanor Rehmann, v. p.; J. K. Rehmann, secy.; W. L. Tarr, sales mgr.; F. K. Rehmann, adv. mgr.
Furnaces and air conditioning.
Trade Names: Scotsman; Weathermaster.

Kelley Mfg. Co.
P. O. Box 17, Houston 1, Texas.
Phone: ORchard 2-2431.
Branch Warehouse: San Antonio, Texas.
Mrs. E. W. Kelley, pres.; E. W. Kelley, Jr., ch. exec. comm.; G. H. Reese, v. p. & gen. sales mgr.; G. R. Childress, pur. agt.; J. F. Masnic, prod. mgr.
Custom manufacturing, stamping, roll-forming, painting, assembly.

Kelvinator Div., American Motors Corp.
14250 Plymouth Rd., Detroit 32, Mich.
Phone: WE. 3-8200.
Branch Factory: Grand Rapids, Mich.
G. Romney, bd. ch. & pres.; R. D. Chapin, Jr., B. A. Chapman, R. Abernethy, exec. v. p's.; H. L. Travis, v. p.-sales; G. T. Etheridge, v. p.; E. B. Barnes, gen. sales mgr.; W. L. Hullsiek, gen. mdsg. mgr.; W. E. Saylor, dir. adv. & sales prom.; F. A. Buttler, pub. rel. mgr.; J. W. Lelivelt, dir. of pur.; H. F. Powell, dir. of engrg.-research; G. H. Beld, factory mgr.-Grand Rapids; R. S. Geran, gen. service mgr.
Household refrigerators, home freezers, room air conditioners; dehumidifiers; compressors; beverage coolers; ice cream cabinets; low temperature merchandising and storage cabinets.
Trade Name: Leonard.

Kenco Pump Div.
1305 Oberlin Ave., Lorain, Ohio.
Phone: CH. 5-6826.
P. H. Pheiffer, mgr.; J. G. Huiett, sales mgr.; G. Hadaway, pur. agt.; F. E. Tuthill, chief engr.
Pumps, submersible, sump, utility, condensate disposal.

Kenmore Machine Products, Inc.
15 Depew Ave., Lyons, N. Y.
Phone: WH. 6-4891.
Branch Factory: Grimsby, Ont., Can.
J. A. Smith, pres.; C. R. Straubing, v. p.; J. M. Lents, sales mgr.; G. R. Parker, pur. agt.; S. Balogh, chief engr.; C. W. McCord, plant mgr.
Dryer strainers, accumulators, accumulator dryers, strainers and cap. assemblies.
Trade Names: KMP*; Moisture Magnet*; Little Giant*; Hercules*; Filter Chek*; FilterKore*.

Kensico Tube Co., Div. of
Robinson Technical Products, Inc.
Mt. Kisco, N. Y. Phone: MO. 6-8046.
Thomas Nast, pres.; Fred Moore, v. p. & gen. sales mgr.
Copper tube—capillary, restrictor, capillary-bulb assemblies, and general refrigeration grade.

Kent Co., Inc., The
Canal & S. James Sts., Rome, N. Y.
Phone: FF. 7-1800.
G. E. Kent, bd. ch.; F. H. Ide, pres.; R. Morris, gen. sales mgr.; R. C. Kimball, chief engr.; W. B. MacDonald, factory mgr. & compt.
Maintenance equipment.
Trade Names: Jet-Stream; Turbo-Vac*; Microstat*; Comet.

Kerotest Mfg. Co.
2525 Liberty Ave., Pittsburgh 22, Pa.
Phone: GRant 1-2584.
W. G. Young, pres.; E. N. Wrenshall, v. p. & gen. mgr.; S. S. Willis, sales mgr.; T. H. Everingham, adv. mgr.; H. W. Cromie, pur. agt.; S. R. Dickinson, chief engr.; O. W. Menzi, factory mgr.
Valves and fittings.

Kerr's "Ther-Mist" Products, Inc.
5220 Lawndale, Houston 23, Texas.
Phone: WA. 3-7720.
M. R. Kerr, pres. & gen. mgr.; Rolf Kerr, v. p. & asst. mgr.
Cooling towers, nozzles, and float valves.

Kesco Products Corp.
185-03 140th Ave., P.O. Box 84, Jamaica 13, N. Y.
Phone: LA. 7-3787.
Branch Factory: Springfield Gardens, N. Y.
S. A. Kesselman, pres.; E. Z. Price, sales mgr.; Joseph Monte, factory mgr.
Automatic water disposal condensate pumps.

Kidde Mfg. Co., Inc.
35 Farrand St., Bloomfield, N. J.
Phone: PI. 8-8100.
C. H. Sollmann, pres.; G. A. Stanford, v. p.
Halide refrigerant leak detector.

Kilgore, Inc., International Flare-Signal Div.
(See Harvell-Kilgore Sales Corp.)

King Co., The
902 N. Cedar, Owatonna 1, Minn.
Phone: 451-3770.
G. A. M. Anderson, pres.; G. M. Myers, adv. mgr.; R. D. Nelson, secy.-treas.; R. K. Rowley, chief engr.; W. Scheller, factory mgr.
Industrial air conditioning, blast freezing and ventilating systems and equipment; high efficiency filtering units, steam unit heaters.
Trade Names: Klimatic King; King Sharp Freeze; King Kold; King-Air Kurtain.

King Refrigerator Corp.
76-02 Woodhaven Blvd., Glendale, N. Y.
Phone: TW. 7-2200.
M. H. Koeppel, pres.; M. B. Cohn, v. p.; J. T. Johnson, chief engr.; D. Pintilliano, factory mgr.
Through-the-wall room air conditioners; freezers, refrigerators, combination refrigerator-sink-stove.

King Zeero Co., The
4300 W. Montrose Ave., Chicago 41, Ill.
Phone: SP. 7-4411.
J. I. Morrison, pres.; M. C. Pendleton, v. p.; Paul Mich., sales mgr.
Ice accumulators, oil separators.
Trade Name: Ice Builders.

Kingston Controls, Div. of Kingston Industries, Inc.
35 North St., Medfield, Mass.
Phone: FLeetwood 9-4347.
R. W. Moulton, pres. & treas.
Motor operated valves, damper actuators and associated details; control centers.

Kinney Vacuum Div., The New York Air Brake Co.
3529 Washington St., Boston 30, Mass.
Phone: JA. 2-7100.
Branch Factory: Camden, N. J.
C. T. Zaoral, pres.; T. W. Johnson, v. p. & gen. mgr.; W. H. Crowley, gen. sales mgr.; G. A. Davis, adv. mgr.; R. P. Ostrand, pur. agt.; R. R. Cyr, mgr. engrg.; L. J. Kelly, mgr. mfg.
High vacuum pumps, vacuum systems and equipment, vacuum components, vacuum furnaces.

Kirsch Co., Refrigeration Div.
309 N. Prospect St., Sturgis, Mich.
Phone: OL. 1-2311.
J. W. Kirsch, pres.; R. J. Woodrick, gen. mgr.; G. R. Meyer, sales mgr. & chief engr.; R. C. Bolender, sales engr.
Heat transfer surfaces.

Kisco Co., Inc.
6300 St. Louis Ave., St. Louis 20, Mo.
Phone: EVergreen 1-9850.
J. W. Kisling, pres.
Floor model air circulators, window fans.
Trade Names: Cool-Circle-Ator; Circulair.

Knight Corp., Stanley
3430 No. Pulaski Rd., Chicago 41, Ill.
Phone: SPring 7-3400.
S. H. Knight, bd. ch.; S. C. Knight, pres.; J. A. Silander, v. p.; R. A. Schneider, v. p., pur. agt. & chief engr.
Restaurant food service equipment.

Knuth Engineering Co.
1720 N. California Ave., Chicago, Ill.
Phone: SP. 2-1475.
N. Knuth, owner.
Flaring and swedging tools.
Trade Name: Handy Tube Expando.

Kobbe' Laboratories
114 E. 32nd St., New York 16, N. Y.
Phone: LE. 2-3244.
W. H. Kobbe', dir.; L. S. Kobbe', secy.-treas.
Leak detectors.

Koch Refrigerators, Inc.
401 Funston Rd., Kansas City 15, Kan.
Phone: MAyfair 1-1800.
C. K. Litman, pres.; R. M. Bell, v. p.-adm.; M. J. Houghton, v. p.-mfg.; Clarence Masters, exec. asst.; J. J. Harris, refrig. sales; Carl Casterline, ice maker sales; Jack Haber, mktg. analyst; Sam Glass, adv. mgr.; D. G. White, pur. agt.; R. D. Bartlett, chief engr.; L. J. Frank, service & traffic mgr.
Commercial refrigerators, freezers, hot food cabinets; ice making machines.
Trade Names: Series M; Series M²; Food File; Pan File; Mobile Food File; Therm-Alarm.

Koch Sons, Inc., George
10 S. 11th Ave., Evansville 4, Ind.
Phone: HA. 5-1321.
R. M. Koch, pres.; R. L. Koch, v. p.; L. J. Koch, Jr., secy.; R. B. Carter, sales mgr.-Thermal Products Div.; Norman McKean, adv. mgr.; L. D. Covert, pur. agt.; W. Y. Kelley, chief engr.-Thermal Products Div.
Liquid chillers; temperature and humidity test chambers; compressed air refrigerated driers.

Kody Blower Co.
200 Bunting Ave., Trenton, N. J.
Phone: EXport 6-8219.
Morris Kody, owner.
Air handling equipment.

Kohlenberger Engineering Corp.
1600 W. Commonwealth, P.O. Box 432, Fullerton, Calif. Phone: LA. 5-3521.
C. R. Kohlenberger, pres.; W. C. Kohlenberger, v. p. & gen. mgr.; C. G. Barnard, secy.-treas.; B. L. Peak, plant supt.; H. G. Hueg, pur. agt.; G. S. Brackett, chief appl. engr.
Industrial refrigeration equipment: compressors, condensers, unit coolers, valves, vessels, krakice makers, freezing coils and systems.
Trades Names: Kohleco; Krakice.

Kol-Flo Corp.
87-89 E. 30th St., Bayonne, N. J.
Phone: FE. 9-8800.
J. E. Kostura, pres.; T. C. LaRocco, exec. v. p.; M. Murphy, treas.
Cooling equipment for beverage, food and chemical industries.

Kol-Master Corp.
Oregon, Ill. Phone: 2-2165.
R. E. Bressler, pres. & chief engr.; A. S. Bressler, v. p.; J. C. Reed, secy.
Stokers, oil burners, sequence controls, sump pumps, no-draft controls, induced draft fans.

Kold Hold Div., Tranter Mfg., Inc.
735 E. Hazel St., Lansing, Mich.
Phone: IV. 4-4531.
J. R. Tranter, pres. & gen. mgr.; H. E. Guyselman, exec. v. p.; John Flewelling, treas.; S. J. Stowell, sales mgr.; Mrs. L. S. Worthington, corp. secy. & dir of adv.; M. M. Brown, pur. agt.; C. C. Smith, dir. of engrg.
Holdover truck plates; condensing units and truck refrigeration systems; heat exchangers.
Trade Names: Crest; Platecoil; Flexoplate.

Kool Engineering Corp.
1320 N. Clybourn Ave., Chicago 10, Ill.
Phone: MI. 2-8453.
J. A. Polachek, pres.; W. E. Slack, v. p.
Automobile air conditioners.

Kool-Rite Co., The
P.O. Box 137, River Falls, Wis.
Phone: HA. 5-2442.
Subsidiary of: Erickson Industries, Inc.
P. J. Erickson, pres.; Vern Lindquist, v. p.; K. A. MacKenzie, v. p.-prod; G. S. Colby, pur. agt.; R. J. Shermon, treas.
Package refrigeration systems, standard temperature and low temperature.

Kooler Kover Co.
P.O. Box 10223, Dallas 7, Texas.
Phone: RI. 8-7891.
A. H. Richardson, pres.; B. Sloan, Jr., mgr.-sales.
Window and room air conditioner covers.

Koppers Co., Inc.
Koppers Bldg., Pittsburgh 19, Pa.
Phone: EXpress 1-3300.
Branch Factories: Kobuta, Pa.; Port Arthur, Texas; Port Reading, N. J.; Chicago; Los Angeles.
F. C. Foy, bd. ch.; F. L. Byrom, pres.; D. L. Eynon, Jr., v. p. & gen. mgr., plastics div.
Polystyrene, polyethylene, foam polystyrene, polyethylene film.
Trade Names: Dylene*; Dylan*; Super Dylan*; Dylite*; Durethene*; Evenglo*.

Koppers Co., Inc., Metal Products Div.
200 Scott St., Baltimore 3, Md.
Phone: SA. 7-2500.
H. B. Cummings, v. p. & gen. mgr.; D. L. De Vries, sales mgr.; J. L. Phillips, adv. mgr.; R. D. Lemmerman, mgr.-sound control dept.
Sound traps.
Trade Name: Aircoustat*.

Korfund Co., Inc., The
Cantiague Rd., Westbury, L. I., N. Y.
Phone: ED. 3-7580.
Branch Factories: Philadelphia; Chicago; Detroit; Los Angeles; San Francisco; Hartford; Boston; Washington, D. C.; Kansas City.
Dr. B. K. Erdoss, pres.; D. H. Vance, exec. v. p.; J. Hammond, sales mgr.; C. Lemmerman, sales mgr.-acoust. div.; S. L. Perlow, adv. & sales prom. mgr.; J. Ullman, pur. agt. & factory mgr.; J. Harris, exec. engr.; F. Kirschner, chief engr., acoustical div.; N. Creach, export mgr.
Vibration and noise control and measurement equipment.
Trade Names: Hand Vibragraph; Hush-A-Duct; Reed Vibrometer; Vibro-Isolator; Elasto-Rib; Vibro-Hanger; Hush-A-Booth; Duplex Base; Flex-Hose.

Kramer Trenton Co.
Olden & Breunig Ave., Trenton 5, N. J.
Phone: EXport 6-8271.
Export Office: Sillcox Refrigeration Corp., 70 Pine St., New York 5, N. Y.
S. C. Segal, sales mgr.; Jules Neishloss, pur. agt.
Cooling units and parts, condensing units.
Trade Names: Thermobank; Unicon; Coolmaster; Curvette; Kay-Tee; Wedge; Thermobank Compressor; Thaw System.

Krembs & Co.
669 W. Ohio St., Chicago 10, Ill.
Phone: MO. 6-0131-32.
M. B. Krembs, owner; E. M. Bruecke, sales prom. mgr. & pur. agt.
Fluxes for brazing, soldering, and welding; welding rods (shielded copper electrodes).
Trade Names: Fluxine; Kop-R-Arc.

Kritzer Products, Div. of Peerless of America, Inc.
5800 N. Pulaski Rd., Chicago 46, Ill.
Phone: IN. 3-2700.
R. W. Kritzer, pres.; J. M. O'Connor, v. p. & gen. mgr.; M. W. Knight, v. p.-sales & adv.; L. F. Cora, asst. sales mgr.; Ed Garnaas, sales engr.; F. DeAlba, sales engr.; F. L. Frantz, secy.-treas.; R. W. Kritzer, Jr., adv. mgr.; H. W. Johnson, dir. pur.; S. F. Pasternak, chief engr.; Fred Otte, supt. mfg.
Heating and air conditioning equipment; liquid chillers; heating and cooling fan-coil units; electric forced air heating units.
Trade Names: Chill-A-Tron*; Combinex*; Vectorex*.

Kritzer Radiant Coils, Inc.
325 N. River St., Batavia, Ill.
Phone: Chicago: EStebrook 8-8730.
Batavia: TR. 9-7640.
H. E. Kritzer, pres.; C. G. Newton, v. p.; L. D. Mandell, v. p.-sales; M. A. Luchesse, pur. agt.
Fan-coil units (hot and chilled water) heating equipment, unit heaters, finned tube, baseboard.
Trade Name: Dual-Vector*.

Kysor Heater Co.
1100 W. Wright St., Cadillac, Mich.
Phone: PRospect 5-2422.
R. A. Weigel, pres.; H. W. Dellard, sales mgr.; R. F. Brinks, treas.; H. Boughner, application engrg.; E. Decker, factory mgr.; D. D. McConville, parts & service mgr.
Truck cab air conditioning, temperature controls, and alarms; automatic radiator shutters.

L

La Crosse Cooler Co.
2809 Losey Blvd., S., La Crosse, Wis.
Phone: 2-0680.
R. S. Denzer, pres.; W. R. Trapp, v. p. & service mgr.; W. W. Newberry, secy.-treas.; W. A. Ebner, sales & adv. mgr.; F. Rohrer, pur. agt.; W. Quinlisk, chief engr.; N. Kohlmeyer, plant supr.
Commercial refrigeration equipment; coin-operated bottle vending machines.
Trade Names: Bluebird; Supreme; Clubster; Eskimo; Kube King; Flake King; Yukon; Kool'Kloset; Classic; DariLad; Polar Pantry; Bev'Serv.

Labeled Metal Products, Div. of Howe Sound Co.
2000 W. Cermak Rd., Broadview, Ill.
Phone: FI. 5-2520.
William Mugan, gen. mgr.; Walter Bergenthal, pur. agt.; B. Wittmeyer, plant supt.; R. Sobotka, plant engr.
Raincarrying equipment, heating & air conditioning products.

Labelon Tape Co., Div. of Labelon Corp.
10 Chapin St., Canandaigua, N. Y. Phone: 2926.
E. B. Brewster, pres.; D. L. Allen, v. p. & sales mgr.; Kurt Baum, pur. agt.
Charting and layout materials; tapes, pressure sensitive; labels, pressure sensitive.
Trade Name: Graph-A-Plan.

Ladish Co.
5481 S. Packard Ave., Cudahy, Wis.
Phone: HU. 1-1500.
Branch Factories: Kenosha, Wis.; Cynthiana, Ky.; Houston; Los Angeles; Brantford, Ont., Can.
H. W. Ladish, bd. ch.; V. F. Braun, pres.; C. C. Gladson, v. p.-fittings div.; J. F. Wachs, v. p.-pur.
Drop forgings, pipe fittings, rolled rings, saw blades, corrosion resistant valves.

Lake Chemical Co.
3052 W. Carroll Ave., Chicago 12, Ill.
Phone: SA. 2-6085.
C. Kleiman, sales mgr.; E. Cooper, office mgr.
Sealants, fluxes, lacquer.
Trade Names: Pipetite-Stik; Plumber Krak-Stik; Oyltite-Stik; Lacquer-Stik.

Laminated Sheet Products Corp.
449 Neponset St., Norwood, Mass.
Phone: 617-3500; 762-3500.
Branch Factory: Milford, Conn.
H. M. Tomb, pres.; A. A. Karlyn, sales mgr.; J. Dolloff, pur. agt.; R. Archer, factory mgr.
Fabricator and distributor of plastic products for industry.

Lancaster Glass Corp.
Lancaster Ohio.
Phone: OLive 3-0311.
R. K. Fox, pres.; M. R. Hoover, mgr.-mktg.; H. Echard, pur. agt.; E. A. Work, chief engr.; T. Kendick, plant mgr.
Custom manufacturers of industrial and electronic glassware; injection molders of plastics.

Lancaster Pump & Mfg. Co., Inc.
1340 Manheim Pike, Lancaster, Pa.
Phone: EXpress 7-3521.
P. L. Stauffer, pres.; F. Aronsohn, v. p.; A. E. Richter, v. p.-sales.
Pumps, water systems, water conditioning equipment.

Landau Metal Products Corp.
2-62 51st Ave., Long Island City 1, N. Y.
Phone: RA 9-2200.
Ralph Landau; Philip Landau; Max Kaufman.
Steel frames and metal housings for air conditioners and fountain type water coolers.

Larkin Coils, Inc.
519 Memorial Dr., S. E., Atlanta, Ga.
Phone: MUrray 8-3171.
O. M. Sims, pres.; Mrs. O. M. Sims, v. p.; S. D. Hughes, v. p.; Mrs. S. G. McCullough, treas.; W. K. Sims, corp. secy.; J. E. Palmer, sales mgr.; I. S. Skelton, pur. agt.; C. L. Schreeder, Jr., chief engr.; D. I. Lee, plant mgr.; E. W. Trainer, plant supt.
Unit coolers; air cooled and evaporative condensers; cooling towers; finned coils; heat exchangers; low temperature hot gas and electric defrost equipment.
Trade Names: Humi-Temp; Zephyrcon; Water Saver; Frost-O-Trol.

Lau Blower Co., The
2027 Home Ave., Dayton, Ohio. Phone: 263-3591.
Branch Factories: Cleveland; Indianapolis; Irwindale, Calif.; Kitchener, Ont., Can.
H. W. Faulkender, bd. ch.; T. I. Byrd, pres.; W. W. Morrisey, dir. of mktg.; C. C. Miley, blower & propeller sales mgr.; O. L. Raita, adv. mgr.; H. E. Nemecek, v. p.-pur.; W. H. Wentling, dir. engrg.; H. F. Farquhar, chief engr.; E. L. Mainous, works mgr.
Blowers.

Lawler Automatic Controls, Inc.
453 N. MacQuesten Pkwy., Mt. Vernon, N. Y.
Phone: MO. 7-8400.
J. R. Lawler, pres.; J. R. Lawler, Jr., v. p.; R. C. Smith, secy.; R. C. Smith, Jr., sales mgr.; A. J. Meyers, chief engr.
Temperature control valves.
Trade Name: Recesso.

Le Fevre Chemical Co.
1708 W. Main St., Oklahoma City, Okla.
Phone: CE. 5-8431.
H. W. Le Fevre, bd. ch. & pres.; G. L. Verity, v. p. & secy.; J. F. Rumsey, Jr., v. p., dir. & treas.; Martha De Witt Le Fevre, asst. v. p. & asst. secy.; E. A. Hartman, dir.
Industrial space deodorants and odor neutralizers.
Trade Name: Big 'D'*.

Leader Iron Works, Inc., Div. of Standard Steel Corp., Los Angeles, Calif.
2106 N. Jasper St., Decatur, Ill.
Phone: 428-2103.
W. J. Kalmeyer, pres.; E. C. McDonald, exec. v. p.; C. W. Dawson, asst. sales mgr.; W. H. Reinholt, pur. agt.; H. E. Anderson, chief engr.; R. W. Moore, shop supt.
Custom built heat exchangers, unfired pressure vessels, kettles, fractionating columns.

Leake Stamping Div., Monarch Products Co.
1250 E. First St., Monroe, Mich.
Phone: CH. 1-4020.
George Berbynuk, pres.; R. P. Folland, div. mgr.; W. H. Stewart, pur. agt.; F. B. O'Dras, supt.
Metal stampings, tools and dies.

Leece-Neville Co., The
989 Athens St., S.E., Gainesville, Ga.
Phone: LE. 6-2354.
Branch Factory: Cleveland.
Electric motors.

Leeds & Northrup Co.
4970 Stenton Ave., Philadelphia 44, Pa.
Phone: DAvenport 9-4900.
Branch Factory: North Wales, Pa.
I. M. Stein, pres.; G. E. Beggs, Jr., exec. v. p.; E. H. Rogge, v. p.-mfg.; J. F. Quereau, v. p.-mktg.; H. L. Scutt, sales mgr.; K. W. Conners, adv. mgr.; J. E. Jennings, pur. agt.
Instruments, automatic controls, furnaces.
Trade Names: Speedomax; Electromax; Rayotube; Thermohm.

Lehigh Mfg. Co., Div. of Lehigh, Inc.
1500 Lehigh Dr., Easton, Pa.
Phone: BLackburn 3-4181.
F. E. Shumann, bd. ch.; L. E. Hammond, pres. & chief engr.; C. C. Coulter, v. p.-pur.; R. F. Burke, sales mgr., refrig. prod.; C. E. Brown, pur. agt.; C. R. Rutt, shop supt.
Liquid receivers, air curtain doors, shell and coil condensers; commercial condensing units and compressors.
Trade Name: Blu-Cold*.

Leitner Equipment Co.
2535 N. 25th Ave., Franklin Park, Ill.
Phone: NA. 5-6100.
L. Katzman, pres. & treas.; R. M. Schiff, v. p., secy. & pur. agt.; L. M. Williams, v. p. & dir. mktg.; H. B. Jones, v. p. & dir. design & product devel.; C. Spring, v. p. & dir. engrg. & research; A. T. Tobiasz, v. p. & chief engr.; L. Ebert, plant supt.
Complete food service equipment for coffee shops, drive-in restaurants, motels, in-plant feeding, and soda luncheonettes.
Trade Names: 3-1 Gourmette*; Precedent*; Vent-A-Chef; Vent-Lo-Chef; Counter Chef; Visicold; Fold-A-Dor; Bantam; Bobtail; Visi-Kool; Slimline; Focal Point; Servi-Cases; Count-R-Cooler; Serv-Aid; Servi-Top; Creamer; Zero-Bin; Electric-Strip; Conditionaire; Compact Drive-In; Electrojet.

Lennox Industries, Inc.
200 So. 12th Ave., Marshalltown, Iowa
Phone: 4471.
Branch Factories: Columbus, Ohio; Syracuse, N. Y.; Ft. Worth, Texas; Toronto, Ont., Can.
J. W. Norris, pres.; E. C. Booth, secy.-treas.; Warren Eichorn, gas htg. research; Graydon Peoples, oil htg. research; F. H. Whitcombe, dir. mfg.; Melvin Brown, a.c. res.; R. A. Pierce, gen. mgr., Syracuse; Gordon Rieley, gen. mgr., Columbus; Jack Melcher, gen. mgr., Ft. Worth; Ray Robbins, gen. mgr., Canada; Calvin Floren, adv. mgr.
Residential, commercial, and school warm air heating and air conditioning; gas, oil, oil-gas, electric and coal fired; air-cooled condensers and heat pumps; agricultural dryers, ventilators.
Trade Names: Landmark; Comfort Curtain; Humidispray; Aire-Flo.

Lennox Tool & Machine Builders
651½ N. Baxter St., Lima, Ohio.
Phone: CA. 6-5015.
L. W. Nichols, gen. mgr.; W. V. Trask, sales mgr.; L. Kundert, pur. agt.; J. Kidd, plant supt.
Universal shearing and forming machines, sheet metal.
Trade Name: Metlmastr.

Lern, Inc.
1455 W. Hubbard St., Chicago 22, Ill.
Phone: TA. 9-9229.
Refrigerated and heated display cases, water coolers.

Leslie Co.
522 Delafield Ave., Lyndhurst, N. J.
Phone: GEneva 8-8000.
J. S. Leslie, pres.; J. M. Naab, v. p. & treas.;

R. W. Boettiger, sales dir.; R. Lantz, adv. mgr.; A. W. Richart, chief engr.; J. T. Muller, mgr. research & develop.; A. A. Fuhro, mfg. dir.
Regulators and controllers for pressure, temperature, and liquid level.
Trade Names: Topper*; Levelmatic*; Eventemp*; Hi-Flo; Lifetime; Propo-Matic.

Lester Laboratories, Inc.
P.O. Box 4897, Atlanta 2, Ga.
Phone: POplar 7-0277.
Branch Factory: East Point, Ga.
L. A. Friedman, Jr., pres.; Will Pels, v. p.; F. P. Worden, sales mgr.; Dr. F. W. J. Liu, chief chemist.
Coil cleaners; scale removers; water treatment; algaecides; safety solvents; electro air cleaner and adhesive; burn-out cleaner.
Trade Names: Metalene; Scalex; Waterene; Tetles*; EAC Cleaner No. 6; EAC Adhesive.

Leviton Mfg. Co., Inc.
236 Greenpoint Ave., Brooklyn 22, N. Y.
Phone: EV. 3-4500.
Branch Factories: Chicago; Los Angeles; Montreal, Que., Can.
I. Leviton, bd. ch. & pres.; J. Amsterdam, sales mgr.; D. Ansel, adv. mgr.; J. Wolfson, pur. agt.; G. Smith, chief engr.; Charles Style, plant supt.; F. Rodriquez, export mgr.
Complete line of electrical wiring devices.
Trade Names: Lev-o-lock; Lev-o-lite; Lev-o-let; Quickwire; A.I.W.

Lewin-Mathes Co., Div. of Cerro Corp.
1111 Chouteau Ave., St. Louis 2, Mo.
Phone: CHestnut 1-1975.
E. F. Schweich, pres.; B. J. Lewin, exec. v. p.; R. J. Lewin, v. p.-sales; John Staples, v. p.-mfg.; J. Marx, gen. sales mgr.; Charles Schmidt, pur. agt.
Copper and brass tube and pipe.
Trade Name: LMC.

Lewis & Co., Inc., Chas. S.
8625 Grant Rd., St. Louis 23, Mo.
Pumps, industrial, centrifugal.

Light Metals Corp.
2740 Prairie Ave., S.W., Grand Rapids 9, Mich.
Phone: 538-3030.
J. G. Van Dyke, bd. ch.; R. T. Dykstra, pres.; G. T. Boylan, v. p. & gen. mgr.; T. B. King, v. p. engrg.
Molding, shelving hardware, tubing.

Lilie-Hoffmann Cooling Towers, Inc.
1450 S. Vandeventer Ave., St. Louis 10, Mo.
Phone: OLive 2-4511.
Factory: Plainview, Texas.
W. J. Hoffmann, Sr., bd. ch.; P. R. Hoffmann, pres.; W. J. Hoffmann, Jr., exec. v. p.; J. M. Hoffmann, v. p.; R. J. Madison, adv. mgr.
Cooling towers.

Lima Register Co.
1790 N. Cable Rd., Lima, Ohio.
Phone: CA. 6-9065.
N. F. Jones, gen. mgr.; C. B. Armour, sales mgr.; J. L. Irvin, asst. sales mgr.; D. E. Brooks, pur. agt.; B. Harshe, chief engr.; C. L. Beckman, factory mgr.
Diffusers, registers, and grilles for heating and air conditioning; barometric draft control.
Trade Name: Windmaster.

Lincoln Air Control Products, Inc.
Swarthmore, Pa. Phone: KI. 4-4660.
L. J. Studnicky, pres.; E. C. Weed, v. p.; E. W. Strang, secy.; W. M. Pate, chief engr.
Air conditioners, furnaces, boilers.

Linde Co., Div. of Union Carbide Corp.
270 Park Ave., New York 17, N. Y.
Phone: LL. 1-2345.
Factories: Newark, N. J.; Speedway, Ind.; Los Angeles.
Molecular sieve adsorbents; welding rod; oxygen and industrial gases; halide leak detectors; electric and oxy-acetylene welding apparatus and supplies; air-acetylene torches.
Trade Names: Prest-O-Lite; Oxweld; Purox.

Lindustries, Inc.
1041 Foch St., Fort Worth, Texas.
Phone: ED. 2-7933.
W. E. Lind, Sr., pres.; R. Tucker, sales mgr.; G. Wagner, service mgr.; C. Barnes, office mgr.
Auto and truck cab air conditioners.
Trade Names: Frostemp; Kab-Air; Kab-Air Jr.

Lingle Refrigerator Co., Inc.
1010 N. Front St., Nevada, Mo.
Phone: NO. 7-3327.
Automatic ice vendors.

Lingle Refrigerators, David A.
Highway 64 East, Box 529, Russellville, Ark.
Phone: WOodlawn 7-3363.
David Lingle, owner, designing & prod.; Mrs. Lingle, office sales & pur.; D. L. Lingle, sheet metal fabrication & welding.
Walk-in coolers, freezers, and cold storage doors; sheet metal fabrication, welding.

Lintern Corp., The
Station St., Mentor, Ohio.
J. W. Lintern, pres., treas. & engr.; H. F. Rowse, gen. mgr. & pur. agt.
Overhead traveling crane cab and pulpit air conditioning.
Trade Name: Aire-Rectifier.

Liquid Carbonic Div. of General Dynamics Corp.
135 S. LaSalle St., Chicago 3, Ill.
Phone: FInancial 6-8181.
J. F. Thurston, pres.; J. A. Edwards, exec. v. p.; H. C. Mathey, v. p.-sales; R. P. Winchell, v. p.-international; J. P. Antolak, tech. sales dir.; O. R. Matthews, pur. agt.
CO_2, gaseous, liquefied, solid (dry ice); liquid CO_2 chilling equipment; oxygen, acetylene, nitrogen; welding apparatus and supplies.
Trade Names: Liquiflow*; Liquidweld*; Jet Co_2ld Shot; Red Diamond*.

Liquid Freeze Corp.
1133 24th St., Oakland, Calif. Phone: TE. 6-0424.
E. A. Ostrom, pres. & gen. mgr.; G. M. Lessard, v. p.-production; C. F. Fannin, secy.-treas.
Ice making machinery (flake type only).
Trade Name: Instant*.

Little Giant Pump Co., Div. of Little Giant Corp.
3810 N. Tulsa, P.O. Box 7010,
Oklahoma City 12, Okla. Phone: WI. 6-2616.
M. G. McCool, pres.; N. C. Newman, gen. mgr.; R. W. Losey, sales mgr.; J. D. Riley, sales prom. mgr.; D. B. Johnson, factory mgr.
Condensate disposal units; pumps.

Lockformer Co., The
4615 W. Roosevelt Rd., Chicago, Ill.
Phone: BIshop 2-2070.
G. W. Lamberson, pres.; W. M. Truska, Jr., gen. sales mgr.; John Mentz, pur. agt.; Leo Gale, chief engr.
Roll forming machinery for standard and special shapes; also sheet metal tools and accessories.

Lord Mfg. Co.
1635 W. 12th St., Erie, Pa.
Phone: GLendale 6-8511.
T. Lord, pres.; A. G. Postlethwait, v. p.; B. M. H. Lord, secy.-treas.; J. W. Painter, mgr.-mktg.; J. P. Cooney, adv. mgr.
Vibration, shock, noise control, and bonded rubber products.
Trade Names: Flex-bolt; Dynashock; BTR; Dyna-damp.

Loudon Mfg. & Sales, Inc.
2524 27th Ave., So., Minneapolis, Minn.
Phone: PA. 4-5427.
R. J. Loudon, pres.; B. O. Loudon, v. p.; Gordon Lynch, sales mgr.; M. Lynch.
Commercial and home refrigerators, freezers, washers, and dryers.

Lunkenheimer Co., The
Beekman St. & Waverly Ave., Cincinnati 14, Ohio.
Phone: WAbash 1-3400.
P. M. Arnall, pres. & gen. mgr.; H. E. Lunken, v. p. & asst. gen. mgr.; E. P. Lunken, v. p. & secy.; E. F. Riopelle, v. p.-operations; M. W. Pauly, v. p.-sales; C. C. Isekeit, v. p. & treas.; G. W. Lambertson, H. H. Layritz, div. sales mgrs.; L. T. Huser, controller & asst. treas.; R. F. Brengelman, dir. pur.; R. F. Puck, export mgr.
Valves, lubricating devices, boiler mountings.
Trade Names: Alpha; Alvor; Banner; Independent; Major; Paragon; Penlo; Senior; Breech-Lock; Duro; Ferrenewo; Handy; King-Clip; LQ600; Luncor PVC; N-M-D; Renewo; S-A.

Lyall Electric, Inc.
Albion, Ind. Phone: 6-2114.
L. D. Morrill, pres.; C. E. Dekko, gen. mgr.; L. Vickers, Jr. & J. L. Grosvenor, sales engrs.; D. D. Simpson, dir. customer service; A. B. Showalter, chief engr.
Electric wiring devices; wire; electric heaters.

M

MB Electronics, Div. of Textron Electronics, Inc.
P.O. Box 1825, New Haven, Conn.
Phone: FUlton 9-1511.
C. D. Brown, pres.; T. MacDonald, sales mgr., Isomode Div.; J. C. Stephens, sales prom. mgr.; C. Verderame, pur. agt.
Vibration isolation pads and mounts.
Trade Names: Isomode*; Iso-Kote.

M.M.M., Inc.
P.O. Box 2114, Houston 1, Texas.
Phone: CA. 3-4237.
Aubrey Calvin, pres.; L. D. Harvey, sales mgr.
Pipe and vessel insulation.
Trade Names: Vapo Wall*; Vapo Lock*.

Mackenzie Walton Corp.
478 Pawtucket Ave., Pawtucket, R. I.
Phone: PA. 2-6837.
Subsidiary of: Reading Tube Co., Div. of Progress Mfg. Co.
N. W. Fulton, v. p. & gen. mgr.; Roy Beatty, sales mgr.; Thomas Madden, plant supt.
Seamless copper and copper base alloy tubing; fabricated tubular parts.

Madden Brass Products Co.
700 Sheffer Rd., P.O. Box 444, Aurora, Ill.
Phone: TWin Oaks 6-8523.
M. B. Madden, bd. ch. & pres.; J. Brinda, exec. v. p.; E. Highland, pur. agt.; R. H. Lacart, chief engr.
Forged flare nuts and fittings, valves, charging lines, manifolds, driers, strainers, capillary tubing, tools.
Trade Name: Duo-Test.

Magic Aire Div. of United Electric Co.
501 Galveston St., Wichita Falls, Texas.
Phone: 767-8333.
M. W. McCall, mgr.; Craig Gaines, chief engr.; Riley Cook, plant supt.
Evaporator and condenser coils, air-cooled condensers, evaporative coolers, air handling units.

Magna-Kold Co.
(See Sprague Engineering Corp.)

Magnet Wire Div., Essex Wire Corp.
1601 Wall St., Fort Wayne, Ind.
C. H. Phillips, v. p. & gen. mgr.; J. Fiske, sales mgr.
Magnet wire.

Maid-O'-Mist, Inc.
3217 N. Pulaski Rd., Chicago 41, Ill.
Phone: MUlberry 5-7300.
O. V. Woolley, pres.; H. J. Carr, v. p. & adv. mgr.; J. A. Madden, sales mgr.; J. P. Markman, chief engr.
Air eliminators, humidifiers, balancing valves, float control valves, strainers, saddle valves, needle valves.
Trade Names: Auto-Vent; Ol'Faithful; Zephyr; Atomick; Water-Boy.

Majestic Co., Inc., The
245 Erie St., Huntington, Ind. Phone: 4700.
D. A. Purviance, pres.; D. Winegardner, v. p. & sales mgr., Htg.-Cooling Div.; R. Dollar, v. p. & sales mgr., Bldg. Prod. Div.; J. Sullivan, adv., Htg.-Cooling Div.; R. Cox, adv., Bldg. Prod. Div.; V. Brooking, pur. agt.; R. MacDonald, engrg. mgr.; C. Morgan, research; W. Shriner, factory mgr.
Residential furnaces and air conditioners.

Malco Products
3356 Gorham Ave., Minneapolis 26, Minn.
Phone: WE. 9-0361.
M. W. Keymer, owner & gen. mgr.; W. I. Lindgren, sales mgr.; Alden Nelson, Office mgr.; Donald Erickson, pur. agt.; Carl Friberg, product engr.
Tools and products for the heating, air conditioning, plumbing, and refrigeration trades.
Trade Names: Malco-matic; Rivet Gun.

Mallory & Co., Inc., P. R.
3029 E. Washington St., Indianapolis 6, Indiana.
Phone: ME. 6-5353.
Branch Factories: Huntsville, Ala.; Greencastle, Crawfordsville, Frankfort, Indiana; Chicago; N. Tarrytown, N. Y.; Lexington, N. C.; Birmingham, Mich.; Philadelphia; Kenilworth, N. J.; DuQuoin, Ill.
G. Barron Mallory, pres.; C. A. Barnes, admin. v. p.; H. C. Buell, v. p.-customer relations.
Batteries; capacitors; potentiometers; resistors; relays; rheostats; jacks and plugs; contacts; resistance welding materials; powder metal parts; electrode materials for electrical discharge machining; rectifiers, plastic parts.

Mamco Corp.
532-542 Fourth St., Racine, Wis.
Phone: ME. 4-1923.
H. E. Meltzer, pres.; R. L. Meltzer, v. p. & gen. mgr.; F. E. Schumacher, sales mgr.
Electrostatic air filters, motors, blower wheels.
Trade Names: Health-Air; Piasturbo.

Mammoth Industries, Inc.
6425 Cambridge St., Minneapolis 26, Minn.
Phone: WE. 9-4631.
H. J. Collins, pres.; D. C. Rupp, v. p.-sales; C. E. Nelson, chief engr.; M. J. Mercado, pur. agt.
Commercial and industrial heating and air conditioning equipment.
Trade Names: Commercial-Aire; Compact-Aire.

Manchester Tank & Equipment Co.
2880 Norton Ave., Lynwood, Calif.
Phone: NEvada 6-5784.
Mollie Reifschneider, pres.; J. Snapp, v. p.-prod.; B. Brunner, gen. sales mgr.; D. Reifschneider, sales engr.
Liquid receivers.

Manitowoc Equipment Works, Div. of Manitowoc Co., Inc., The
621 Quay St., Manitowoc, Wis.
Phone: MUrray 4-6662.
A. N. Dedricks, gen. mgr.; R. C. Walker, gen. sales mgr.; G. C. Millhollin, field sales mgr.; R. H. Swanson, chief engr.; G. E. Skatrud, order & service mgr.
Domestic and commercial low temperature freezers, refrigerator-freezer combinations, commercial refrigeration.
Trade Names: Icestor; Bakerator; 2-Zone; ACCO.

Mannhardt & Son, Inc., W.
7916 W. Grand Ave., Chicago 35, Ill.
Phone: 625-2131; GLadstone 3-1724.

W. J. Mannhardt, pres.; W. P. Mannhardt, sales mgr.
Ice storage bins, ice dispensers, and ice vendors.
Trade Name: Cube 'N' Crush.

Manning, Maxwell & Moore, Inc.
250 E. Main St., Stratford, Conn.
Phone: DRexel 8-8281.
Branch Factories: Watertown, Mass.; Muskegon, Mich.; Tulsa, Okla.
C. A. Moore, bd. ch.; J. R. Kelley, pres.; J. F. Reed, exec. v. p.; C. H. Chester, III, v. p.; A. R. Walkley, v. p.; J. A. Reynolds, pur. agt.; K. Selover, export mgr.
Gauge & Instrument Div.
P. T. Tryon, gen. mgr.; A. W. Coleman, gen. sales mgr.; J. F. Higgins, adv. mgr.; J. F. Gorgens.
Valve Div.
C. E. Dephouse, gen. mgr.; W. H. Bolin, gen. sales mgr.; J. F. Higgins, adv. mgr.; L. M. Burrowns, chief engr.
Valves; gauges and instruments; cranes and hoists.
Trade Names: American; Ashcroft; Hancock; Consolidated; Show-Box; Budgit; Load Lifter; Tugit.

Marathon Electric Mfg. Corp.
Wausau, Wis. Phone: VI. 2-2011.
Branch Factories: Erie, Pa.; Earlville, Ill.
R. V. Jones, pres.; R. Salzman, v. p. & gen. sales mgr.; E. Sleeter, v. p. & tech. asst. to pres.; T. Nelson, v. p.-engrg.; A. D. Sirois, adv. mgr.; H. Kumerow, pur. agt.; E. Wagner, gen. mfg. mgr.
Motors; generators.
Trade Name: Powerthon.

March Mfg. Co., Inc.
7300 N. Monticello Ave., Skokie, Ill.
Phone: INdependence 3-2235.
W. E. Zimmermann, pres.; F. N. Zimmermann, v. p., sales & adv. mgr. & chief engr.; R. H. Bennett, pur. agt.
Condensate disposal units and water pumps.
Trade Names: Unimount; Sump-o-matic; Float-o-matic.

Marco Electric Mfg. Corp.
Third & Franklin Sts., Womelsdorf, Pa.
Phone: LU. 9-2515.
P. Perloe, pres.; R. B. Beard, sales & service; E. H. Wildasin, engrg.; W. M. Kowalski, mfg.
Fractional horsepower motors.

Mark & Co., Clayton
1900 Dempster St., Evanston, Ill.
Phone: UN. 4-9100.
Branch Factory: Lake Zurich, Ill.
G. Mark, bd. ch.; C. Mark, pres.; C. G. Mark, Jr., exec. v. p.; H. Alwart, v. p.-engrg.; J. Oakley, v. p.-mfg.; J. B. Case, gen. sales mgr.; J. J. McCoy, adv. mgr.; C. V. Schroeder, dir. pur.
Well supplies, domestic water systems, conduit, steel tubing, unions and fittings.
Trade Names: Electrictube; Hotkote; Galvakote; Enamelkote; Petro; Hydro; Handlebar; 3-Way Jet; Dual Jet; Sureclor.

Markal Co.
3052 W. Carroll Ave., Chicago 12, Ill.
Phone: SA. 2-6085.
Don Lytton, sales mgr.; E. Cooper, office mgr.
Paintstiks, protective coatings, temperature indicators.

Markel Electric Products, Inc.
129-149 Seneca St., Buffalo 3, N. Y.
Phone: TL. 6-1800.
Branch Factory: Fort Erie, Ont., Can.
David Markel, exec. v. p.; R. C. Piper, v. p.-sales.
Electric space heating, residential, commercial, and industrial.
Trade Names: Fan-Glo; Heetaires; Thrift-Trim.

Marley Co., The
222 W. Gregory Blvd., Kansas City, Kan.
Phone: EM. 1-2222.
Branch Factories: Louisville, Ky.; Stockton, Calif.
J. A. Cameron, pres.; R. J. Powell, v. p. & asst. to pres.; L. A. Christensen, v. p.-dir. of sales & adv.; F. B. Reed, v. p.-sales mgr.; M. A. Patton, v. p. & dir. engrg. & research; C. A. Smith, adv. mgr.
Water cooling towers and air-cooled refrigerant condensers.
Trade Names: Aquatower*; AquaCooler*; Spra-Tower*; Double-Flow Aquatower*; Permatower*; Underflow*; DriCooler*; CompacTower*.

Mario Coil Co.
7100 S. Grand Ave., St. Louis 11, Mo.
Phone: VE. 2-5000.
A. T. Mario, pres.; L. C. Pellegrini, exec. v. p. & sales mgr.; C. D. Mario, treas.; G. Dye, secy.; K. W. Guillermin, pur. agt.; F. G. Meyers, chief engr.; V. Porta, factory mgr.
Commercial, industrial, residential air conditioning; refrigeration and heat transfer equipment.

Marlow Pumps Div., Bell & Gossett Co.
P.O. Box 200, Midland Park, N. J.
Phone: GI. 4-6900.
Branch Factories: Longview, Texas; Morton Grove, Ill.
S. R. Schleicher, v. p. & gen. mgr.; A. F. Woods, v. p. & gen. sales mgr.; J. J. Liptak, adv. mgr.; S. H. Frederick, chief engr.; D. C. Broadwell, export mgr.
Self-priming and straight centrifugal pumps; motor, engine, and belt driven for water and petroleum use.

Marsh Instrument Co., Div. of Colorado Oil & Gas Corp.
3501 Howard St., Skokie, Ill.
Phone: ORchard 3-4300.
Branch Factories: Houston; Edmonton, Alb. Can.
W. C. Norman, bd. ch.; A. D. Rose, pres.; J. A. Thommes, v. p.; R. E. Barnett, v. p.-sales; E. Willach, v. p.-engrg.
Gauges, thermometers, and valves.
Trade Names: Mastergauge; Serviceman; Master-Test; Master-mite; Master-Therm.

Marsh Valve Co.
Brigham Rd., Dunkirk, N. Y.
Phone: EM. 6-6362.
M. C. Reed, pres.; W. L. Cummings, gen. mgr.
Brass valves and fittings, brass castings.

Martin Fan & Blower Co.
4634 W. 21st Pl., Chicago 50, Ill.
Phone: BI. 2-1125; OL. 2-5252.
Wm. J. Martin, pres.; J. Legner, v. p.; V. Martin, secy.-treas.; O. Legner, sales mgr. & pur. agt.
Ventilating equipment.

Martin Tube Benders, W. H.
Box 692, Owensboro, Ky. Phone: MU. 3-4209.
W. H. Martin, owner.
Tube benders (soft copper).

Marvel Industries, Inc.
P.O. Box 388, Sturgis, Mich. Phone: OL. 1-5491.
Branch Factories: Franklin, Ky.; Newton, Kan.
C. J. Wagner, bd. ch. & pres.; George Field, v. p. & sales; K. S. Keller, pur.; Dean Walker, chief engr.; L. O. Guise, factory mgr.; W. W. Sauer, service mgr.
Compact refrigerators and freezers.

Mason Worcester Brush Co.
38 Austin St., Worcester, Mass.
Phone: PL. 2-1905.
C. Raymond Petersen, pres.
Industrial brushes.
Trade Names: Ingalls; Abrams; Ideal; Alma; Wilson.

Master-Bilt Refrigeration Mfg. Co.
P.O. Box 59, Hwy. 15 N., New Albany, Miss.
H. Klawiter, pres.; E. Saul, v. p.; R. E. Weisenfels, sales mgr.
Merchandisers; milk and egg coolers; truck units; florist coolers; walk-in coolers.
Trade Names: Eggmaster; Uni-Pak; Floramaster.

Materials Electronic Products Corp.
990 Spruce St., Trenton 8, N. J.
Phone: EX. 3-4178.
S. Shapiro, pres.; R. Jensen, v. p.; P. Celmer, secy.-treas.; R. Bernoff, dir.-sales.
Materials and modules for thermoelectric refrigeration.
Trade Name: Melcor.

Maurey Mfg. Corp.
2907-23 S. Wabash Ave., Chicago 16, Ill.
Phone: DAnube 6-5151.
J. E. Maurey, pres.; R. B. Malloy, v. p.; J. F. Taylor, v. p.; W. R. Eberhart, treas.; H. W. Bamber, pur. agt.; C. F. Lindee, chief engr.
Power transmission equipment.
Trade Names: Hi-Q; Mor-Grip; Ful-Grip Q-D Sheaves; Super Wedge; Positive Drives.

Maurlee Co., Inc.
S. Evergreen Ave.,Woodbury Heights, N. J.
Phone: TI. 5-2305.
M. J. Goodman, pres.; G. V. Schafer, v. p.; L. L. Sobel, secy.-treas.
Pre-fab duct and fittings; furnace pipe and elbows.
Trade Names: Kwik-Fit; Ful Flo.

Maxitrol Co.
23555 Telegraph Rd., Southfield, Mich.
Gas regulators; electronic modulation systems for gas furnaces.
Trade Name: Selectra.

Mayer Co., Inc., George J.
546 E. Market St., Indianapolis, Ind.
Phone: ME. 6-6422.
G. J. Mayer, II, pres.; R. J. Hedding, exec. v. p. & treas.; C. W. Sharot, gen. sales mgr.; L. C. Duncan, sales mgr.; G. C. Johnson, pur. agt.
Metal name plates, etched, embossed, lithographed, anodized, silk screened.

Mayflower Air-Conditioners, Inc.
Duluth Ave. & E. Seventh, St. Paul 6, Minn.
Phone: PR. 1-8841.
L. J. Douglas, pres.; C. B. Malm, v. p.; C. H. Seidl, pur. agt.; L. Brunner, chief engr.
Residential and small commercial furnaces and air conditioners.
Trade Name: Living Air.

McCall Refrigerator Corp.
1 Graham Ave., Hudson, N. Y.
Phone: TA. 8-1531.
W. T. McCall, pres.; S. A. Makas, sales mgr.; W. H. Pierson, controller; A. R. Nabozny, pur. agt.; M. Jasenski, chief engr.; J. A. Harder, plant mgr.
Commercial refrigerators.

McCord Corp.
Detroit 11, Mich. Phone: TR. 5-7000.
Branch Factories: Wyandotte, Mich.; Plymouth, Washington, Ind.; London, Ohio; Windsor, Ont., Can.
D. S. Fields, pres.; L. M. Elliott, 1st v. p.; W. T. Meredith, v. p.; J. R. Hayward, v. p.; R. J. Hermann, mgr. air cond. & refrig div.; J. T. Davis, adv. mgr.; D. Pyke, pur. agt.; M. Mieras, exec. engr.; H. Nevermann, export mgr.
Auto and bus air conditioning; evaporators; condensers; receiver-driers; fan-coil units.

McCorkle Co., D. H.
833 Bancroft Way, Berkeley 10, Calif.
Phone: TH. 5-4750.
C. Holmes, pres.; C. Watts, sales mgr.; P. Floyd, chief engr.
Controls for heating, air conditioning and refrigeration—gas, oil and electric.

McCray Refrigerator Co., Inc.
Kendallville, Ind. Phone: 347-0300.
Dr. R. W. Candler, bd. ch.; J. W. Krall, pres.; W. R. Clouse, v. p.; G. K. Bently, v. p.-engrg.; H. E. Cooper, v. p. & gen. sales mgr.; E. J. Andryslak, v. p. & works mgr.; C. H. Ziebell, adm. sales mgr.; W. L. Herald, adv. mgr.; Bill Herendeen, pur. agt.; G. W. Mathis, chief refrig. engr.; Faye Durbin, factory supt.; D. L. Taft, service mgr.; J. E. Little, export mgr.
Commercial refrigeration equipment.

McDonald Mfg. Co., A. Y.
12th & Pine Sts., Dubuque, Iowa.
Phone: 583-7311.
C. H. Baumgardner, bd. ch.; J. M. McDonald, pres. & treas.; R. M. Dodds, v. p.; R. T. Walker, v. p.; E. F. Djerf, secy. & controller; K. W. Evers, asst. secy.; F. J. Hagy, gen. sales mgr. & mgr. of branches; J. B. McDonald, factory sales mgr.; D. E. Brubaker, adv. mgr.; W. J. Maurer, pur. agt.; A. L. Sachs, chief engr.; R. L. Hasselquist, factory mgr.
Pumps and water systems; plumbers and water works brass; oil equipment; drains.
Trade Names: Century; Diamond; Adapto-Jet; Mi-T-Flo; Centuriflo; Safe-T-Matic.

McDonnell & Miller, Inc.
3500 N. Spaulding Ave., Chicago 18, Ill.
Phone: CO. 7-1600.
E. N. McDonnell, pres.; N. W. Swanson, v. p.-sales; L. J. Kmiecik, v. p.-engrg.; G. La Roi, v. p.; W. E. Gleeson, v. p.-adv.; J. W. James, v. p.-research.
Boiler water level controls and safety devices.
Trade Name: M & M.

McIntire Co., The
22 Okner Pkwy., Livingston, N. J.
Phone: WYman 2-1634.
J. G. Beierlein, pres.; E. S. Chatlos, v. p.; C. McC. Cooper, v. p.; J. C. Howe, Jr., treas.; M. J. Meiklejohn, sales mgr.; J. P. Flynn, asst. treas. & pur. agt.
Driers, filters, strainers, accessories.
Trade Name: DFN.

McLarty Systems
2600 Dickman Rd., Battle Creek, Mich.
Phone: WO. 2-2217.
Gordon McLarty, owner; T. H. McLarty, secy.; R. H. Woodman, prod. mgr.
Specialty fans and controls.

McMillan Heat Pumps, Inc.
1501 Miami Rd., P. O. Box 5897.
Jacksonville 7, Fla. Phone: EXbrook 8-1575.
W. W. McMillan, pres.; H. B. Matthews, v. p.; Fred Eulenfeld, pur.
Heat pumps—water to air, water to water, and air to air; commercial and residential air conditioners; condensing units; central station air handling equipment.

McPherson, Inc.
4603 W. Osborne Ave., Tampa, Fla.
Phone: RE. 6-6392.
Hal McPherson, pres.; Clyde Hall, sales mgr.; C. M. McPherson, factory mgr.
Control valves; expansion motors; flow switches; water-refrigerant separators; automatic expansion valves; suction throttling valves.

McQuay, Inc.
1600 Broadway N.E., Minneapolis 13, Minn.
Phone: ST. 9-7221.
Branch Factories: Faribault, Minn.; Grenada, Miss.; Visalia, Calif.
B. E. James, pres.; D. P. Wilson, v. p.; K. R. Lundberg, v. p.; G. G. Workinger, v. p.; H. B. Williams, v. p.; J. R. Resch, v. p.
Air conditioners, remote type; air handlers; heating and ventilating units; unit heaters; air-cooled condensers, coils; icemakers.
Trade Names: Seasonmaker; Seasonmaster; Zero-Frost; Aircons; Zero-Pak; Thermex; Crystal Tips.

Mears Controls, Inc.
13725 S.W. Millikan Way, Beaverton, Ore.
Phone: MItchell 4-0131.
J. S. Mears, pres.; B. C. West, v. p. & sales mgr.; C. A. Schmidt, v. p.-eastern sales mgr.; A. M. Mears, secy.-treas.; W. K. Roots, chief engr.
Wall mount and inbuilt thermostats for electric heat control.

Mechanical Industries Production Co.
217 Ash St., Akron 8, Ohio. Phone: PO. 2-7673.
Branch Factory: Dania, Fla.
A. R. Wells, pres.; R. L. Scwing, v. p.; G. E. Wehl, v. p. & sales mgr.
Motor protectors, 1/100 to ½ hp.
Trade Name: Mighty Mite.

Mechanical Refrigeration Enterprises
P. O. Box 122, N. Hollywood, Calif.
Phone: PO. 6-1225.
Branch Factory: Van Nuys, Calif.
Tessie Goodman, pres.; Shepard Goodman, v. p. & gen. mgr.; B. B. Herzog, sales mgr. & treas.
Valves, line and can tapping; cranes, portable analyzers, hermetic unit; capacitor analyzers, ohmmeters, volt-ampmeters.
Trade Names: Tapaline; Tapaline, Jr.; Mr. Hercules; Annie Analyzer.

Meier Div., Lau Blower Co.
3525 E. Washington St., Indianapolis 7, Ind.
Propeller fan blades.

Mel-Aire Co.
302 Fourth St., Charlerol, Pa.
Phone: HUdson 3-3939.
H. M. Melzer, owner; A. E. Melzer, registered m.e.
Automobile air conditioners, underdash type; control panels and boards; metalworking, forming and bending machines; air hammer, band saw, power notcher.

Melchior, Armstrong, Dessau, Inc.
730 Grand Ave., Ridgefield, N. J.
Phone: WHitney 3-5900.
A. Dessau, bd. ch. & pres.; G. H. Yaeger, exec. v. p.; G. T. Arnold, v. p.-engrg.; T. J. Ujazdowski, sales mgr.; J. H. Flowers, adv. mgr.; J. Campoccio, pur. agt.; J. C. Crocker, export mgr.
Air conditioning units; coils; refrigeration compressor racks.
Trade Names: Melco; Roof-Top*.

Merchant & Evans Co.
2035 Washington Ave., Philadelphia 46, Pa.
Phone: KIngsley 5-0820.
T. Evans, pres.; M. P. Stoney, exec. v. p. & adv. mgr.; C. E. Hanna, v. p.; H. A. Adams, v. p.; H. Petersen, v. p.; K. Carpenter, sales prom. mgr.; S. Newlin, chief engr. & factory mgr.
Instantaneous beer coolers; finned coils; evaporators; copper and finned tubing.
Trade Name: M & E.

Mercoid Corp., The
4201 Belmont Ave., Chicago 41, Ill.
Phone: PE. 6-2100.
Hugh Courteol, bd. ch.; J. F. Chambliss, pres. & treas.; W. L. Colterjohn, v. p.-prod.; W. E. Jones, sales mgr.; Paul Courteol, pur. agt. & sales; A. Sobey, export mgr.
Pressure-temperature-liquid level-mechanical movement also relays.
Trade Names: Mercontrol; Immersatherm; Sensatherms.

Meriam Instrument Co., The
10920 Madison Ave., Cleveland 2, Ohio.
Phone: ATlantic 1-1100.
J. B. Meriam, Sr., bd. ch.; J. B. Meriam, Jr., pres.; A. A. Hejduk, v. p. & gen. mgr.; O. W. Heyman, sales mgr.; Ralph Soucie, pur. agt.
Manometers, draft gauges, flow meters, tank gauges, mercury pressure gauges.

Merix Chemical Co.
2234 E. 75th St., Chicago 49, Ill.
Phone: BAyport 1-8242.
E. O. Sonneman, pres.; E. Arsback, sales mgr.; K. Sonneman, adv. mgr.
Chemicals and anti-static compounds for plastics.
Trade Names: Frost-Off*; Anti-Static #79; Wipe; Wash Concentrate; Dry Crisp.

Metalaire Products Div. of McGraw-Edison Co.
500 South 15th St., Phoenix, Ariz.
Phone: ALpine 4-7101.
A. D. Goettl, pres.; R. S. Ash, asst. to pres. & v. p.; S. L. Gordon, gen. sales mgr.; D. D. Cordry, adv. mgr.
Portable evaporative coolers.
Trade Names: Travelaire*; Crestline.

Metals & Controls Inc., Corp. Div. of Texas Instruments Inc.
45 Forest St., Attleboro, Mass.
Phone: CAstle 2-2800.
Branch Factory: Versailles, Ky.
E. O. Vetter, div. mgr.; J. F. Wilson, mgr., Spencer Products group; P. Gomez, mgr., General Plate Products group; B. O. Haun, Jr., mktg. mgr.; D. Patton, pur.; E. Jastram, devices engr.; J. Buchinski, materials engr.
Electrical and thermostatic controls; clad metal mill products.
Trade Names: Klixon*; MULtiLAYER*.

Metals Div. of Olin Mathieson Chemical Corp.
East Alton, Ill. Phone: 254-7312.
Branch Factory: New Haven, Conn.
D. T. Marvel, v. p.-sales, Olin Brass; E. M. Grady, sales mgr., Mill Products; C. O. Kunz, sales mgr., Roll-Bond Prod.; R. E. Bockhorst, sales mgr., Fabricated Prod.
Mill products: copper and copper base alloys in sheet and strip form; fabricated products; aluminum and copper evaporator plates.
Trade Name: Olin; Roll-Bond.

Metrex Valve Co.
9901 Franklin Ave., Franklin Park, Ill.
Phone: GL. 5-1214.
Branch Factory: Glendora, Calif.
C. F. Toussaint, pres. & chief engr.; R. C. Toussaint, exec. v. p.; B. E. Konopka, sales mgr. & factory mgr.; C. J. Toussaint, adv. mgr.; D. Snelling, factory mgr.—Glendora.
Automatic and manual control valves, regulators; drier-filters; compressor service valves; thermo valves; hermetic couplers; refrigeration and air conditioning specialties.

Metropolitan Refining Co., Inc.
50-23 23rd St., Long Island City 1, N. Y.
Phone: RA. 9-7200.
C. E. Charak, bd. ch.; B. S. Seidman, pres.; H. B. Charak, exec. v. p.; B. E. Zolit, pur. agt. & factory mgr.; C. M. Sterne, chief engr.; F. S. Hodgdon, assoc. chief engr.
All industrial water treatments for prevention of corrosion, scale formation, and slime.
Trade Names: Vaporene*; Dieselite*; Schlisselite*; Metro EZ Treat*; Metro Descaler.

Metropolitan Wire Goods Corp.
N. Washington St. & George Ave.,
Wilkes-Barre, Pa. Phone: VAlley 5-2741.
L. Maslow, pres.; J. J. Bourke, v. p.-sales; R. Slater, pur. agt.
Steel rod shelving, wire baskets.
Trade Names: Erecta Shelf; Metro; Sani-Stack.

Meyer Furnace Co., The
1300 S.W. Washington St., Peoria, Ill.
Phone: 673-6351.
F. L. Meyer, pres.; R. M. Wallis, v. p.; R. G. Horaney, controller; F. R. Meyer, secy.-treas.
Furnaces, air conditioners.
Trade Name: Weir-Meyer.

Michigan Wire Cloth Co.
2100 Howard St., Detroit 16, Mich.
Phone: TA. 6-6500.
A. A. Bull, pres.; H. A. Wilson, v. p. & secy.; Myles Bradley, v. p.-oper. & pur. agt.; W. L. Basey, treas.; G. E. Montgomery, sales mgr.; H. L. Crysler, chief engr.
Silica gel dryers, filters, and strainers.

Micro Switch Div. of Minneapolis-Honeywell Regulator Co.
11 W. Spring St., Freeport, Ill.
Phone: ADams 2-1122.

Branch Factories: Freeport and Warren, Ill.; Independence, Iowa.
E. C. Vorlander, gen. mgr. & v. p.; F. E. Wilsey, v. p.-sales; J. K. Lincoln, sales mgr.; D. H. Brubaker, adv. mgr.; W. L. Young, pur. agt.; C. M. Christensen, chief engr.; P. R. Enzler, fac. mgr.
Precision snap-action and mercury switches for all uses; unhoused and enclosed switches; thermally actuated switches.
Trade Names: Con-Tac-Tor; Temp-Cop; Plug-In-Limit.

Microtron Corp.
Box 2092, Charlotte 1, N. C. Phone: FR. 7-1039.
R. E. Fechheim, pres.; J. F. Balgas, Jr., v. p. & chief engr.; F. T. Walker, sales mgr.
Air filters.
Trade Names: Micromat*; Redi-Kleen*; Micromat Universal*; Micromatic*; Microfoam*.

Mid West Body & Mfg. Div.
Paris, Illinois.
Phone: 3-0365.
E. S. Grumbache, gen. mgr.; C. E. Ashley, sales mgr.; S. Q. Larsen, chief engr.; J. P. Dieckhoff, pur. agt.
Van panel truck bodies.

Mill-Rose Co., The
1985 E. 59th St., Cleveland 3, Ohio.
Phone: UTah 1-1747.
V. F. Miller, pres. & treas.; B. H. Drews, v. p. & secy.
Acid brushes, adrasives, soldering paste.
Trade Name: Clean-Fit.

Miller-Harris Instrument Co.
1134 So. First St., Milwaukee 4, Wis.
Phone: EV. 3-7256.
J. L. Harris, pres. & sales mgr.; D. Finn, pur. agt. & factory mgr.
Electrical timing devices.
Trade Name: Robot (5P).

Miller & Son, Inc., Franklin P.
35 Meadow St., East Orange, N. J.
Phone: ORange 3-4522.
E. L. Miller, pres.; H. Galanty, v. p.; H. Preyer, sales mgr.
Ice crushers, ice cream freezers, ice shavers.
Trade Name: Supreme.

Milwaukee Electric Tool Corp.
5368 W. State St., Milwaukee 8, Wis.
Phone: SPring 1-1740.
Branch Factories: Chicago; Los Angeles; Long Island City, N. Y.; Minneapolis; Philadelphia; Seattle.
R. L. Siebert, pres. & treas.; L. Erickson, v. p. & secy.; M. E. Halvorsen, sales mgr.; A. A. Meyers, adv. mgr.; L. Fix, pur. agt.; E. Ristow, chief engr.; A. R. Buchholz, service mgr.
Drills, saws, portable electric hacksaws, grinders, hammers, screw drivers, nutrunners, sanders, polishers, shears, generators; diamond drilling equipment; portable electric jig saws and orbiting sanders.
Trade Names: Holeshooters*; Sawzall*; Dymodrill*; Dymorig*; Swifty*; Vac-U-Rig*; Sawzitt*; Sanzall*.

Milwaukee Valve Co., Inc.
2375 So. Burrell St., Milwaukee 7, Wis.
Phone: SH. 4-5240.
H. L. Seder, pres.; Max Koenigsberg, exec. v. p.; K. Schmitz, sales; J. Lukas, engr.; C. A. Siegel, compt.
Valves and heating specialties for plumbing and heating; fluid controls.
Trade Name: Milvaco.

Mineralac Electric Co.
25 N. Peoria St., Chicago 7, Ill.
Phone: HA. 1-6360.
A. M. Ferguson, pres.; James Loudon, v. p.
Tube clips and hangers.
Trade Name: Jiffy.

Minisink Rubber Co., Inc.
Unionville, Orange County, N. Y.
Phone: UNionville 3831.
Milton Kleinman, pres. & gen. mgr.; M. C. Bartholf, regional sales mgr.; James McNeil, plant supt. & pur. agt.; F. Tweed, chief chemist; John Budrock, plant mgr.
Extruded rubber products; door gaskets; tubing; weather strip.

Minneapolis-Honeywell Regulator Co.
2753 Fourth Ave. S., Minneapolis 8, Minn.
Phone: FE. 2-5225.
Branch Factories: Morton Grove, Ill.; Wabash, Ind.; Philadelphia.
H. W. Sweatt, bd. ch.; P. B. Wishart, pres.; T. McDonald, exec. v. p.-sales; C. B. Meech, v. p.-intl. div.; J. E. Haines, v. p.-com'l div.; K. Wilson, v. p.-resi. div.; K. W. Schick, v. p.-resi. div. R. W. Crysler, sales mgr.-com'l div.; M. E. Knutson, mgr. pur.; P. W. Felt, dir. engrg.
Automatic controls for heating, ventilating, air conditioning, and refrigeration—residential, commercial, and industrial; air cleaners.

Minnesota Mining & Mfg. Co., Adhesives, Coatings & Sealers Div.
900 Bush Ave., St. Paul 6, Minn.
Phone: PRospect 6-8511.
Branch Factories: Grove City, Ohio; Wayne, Mich.; Bristol, Pa.; Los Angeles.
R. N. Wolfe, gen. mgr.; C. A. Kelley, gen. sales mgr.; D. W. Maher, mktg. mgr.; G. W. Crain, adv. mgr.; F. W. Fischer, pur. agt.; R. L. Bucher, mfg. mgr.
Insulation adhesives; duct sealers; general adhesives, coatings, sealers for industrial use.
Trade Names: 3M Brand*; Scotch-Weld*; Weatherban*; Coro-Gard 1706*.

Miracle Adhesives Corp.
250 Pettit Ave., Bellmore, L. I., N. Y.
Phone: CAstle 1-0950.
Adhesives; insulation—loose fill, pipe, jacket; insulation anchors (clips); duct sealer.
Trade Names: Protektinsul; Protektoflex.

Mirro Aluminum Co.
1512 Washington St., Manitowoc, Wis.
Phone: MU. 4-4421.
Branch Factory: Two Rivers, Wis.
W. F. Bugenhagen, bd. ch.; A. L. Vits, pres.; G. C. Kubitz, Sr., v. p.-mktg.; F. Terens, Sr., v. p.-prod.; H. L. Vits, v. p.-bldg.; T. N. Moore, air cond. & refrig. div.; L. E. Johnson, contract sales mgr.; R. L. Pritchard, adv. mgr.; C. G. McGlynn, pur. agt.; H. E. Hansen, chief engr.; D. R. Bauer, service mgr.
Evaporator fronts and doors, ice cube trays, aluminum moldings.

Mitchell Co., Inc., John E., Mark IV Div.
3800 Commerce, Dallas 26, Texas.
Phone: TA. 1-5161.
J. E. Mitchell, Jr., bd. ch. & pres.; O. Mitchell, Sr., v. p.-engrg.; D. F. Mitchell, v. p.-sales; O. Mitchell, Jr., treas. & credit mgr.; G. R. Hollingsworth, secy. & mgr. air cond. div.; R. L. Roden, factory mgr.; E. Huff, service mgr.; J. Hailey, consulting engr.
Auto and truck air conditioners; ice accumulators for air conditioning.
Trade Name: Hydrotemp.

Modern Lighters, Inc.
12676 10 Mile Rd., South Lyon, Mich.
Phone: GEneva 7-2440.
F. T. Anderson, pres.; G. W. Niece, v. p. & treas.
Lighter tubes and carry-over tubes.

Modern Machine Works, Inc.
5355 S. Kirkwood Ave., Cudahy, Wis.
Phone: SHeridan 4-5900.
P. F. Saager, pres.; I. R. Saager, v. p., treas. & gen. mgr.; D. W. Maddigan, secy.; E. H. Gruehn, pur. agt.
Crankshafts, eccentric shafts, straight shafts.

Modern Metals, Inc.
1307 Ashland, Houston 8, Texas.
Phone: OV. 9-1475.
Branch Factory: Dallas.
J. V. Felter, pres.; W. W. Sampsel, v. p.; Bill Taylor, sales mgr.
Prefabricated duct and fittings.

Modine Mfg. Co.
1625 DeKoven Ave., Racine, Wis.
Phone: MElrose 3-2411.
Plants: LaPorte, Ind.; Paducah, Ky.; Whittier, Calif.; McHenry, Ill.
A. B. Modine, bd. ch.; C. T. Perkins, bd. v. ch.; A. G. Dixon, pres.; C. C. Wilson, v. p.-sales; W. R. McMahon, v. p.- engrg. & res.; E. E. Richter, v. p.-mfg.; E. G. Rutherford, v. p. & treas.; N. L. Doligalski, secy.; L. Glascock, sales mgr., htg. & air cond. div.; A. J. Swartz, adv. mgr.; M. J. Druse, dir. pub. rel. & mkt. research.
Air transfer, heating, cooling units, fan-coil units, heat transfer components.
Trade Names: Airditioner*; Perma-Lap*; School-Vent*.

Moeller Instrument Co.
132-02 89th Ave., Richmond Hill, N. Y.
Phone: VI. 9-2100.
C. E. Moeller, Jr., pres. & treas.; C. E. Koenig, sales mgr.; C. Hiller, pur. agt.; G. E. Mrdeza, prod. mgr.
Thermometers: indicating, dial, laboratory, pocket; hydrometers, psychrometers.

Mohawk Cabinet Co., Inc.
E. State St., Gloversville, N. Y. Phone: 5-0644.
T. E. Hoye, Sr., bd. ch. & pres.; T. E. Hoye, Jr., v. p. & secy.; C. J. Ringland, sales mgr.; R. W. Riley, treas.; Morley Rice, pur. agt.; Harold Schultz, chief engr.; Walter Gray, factory mgr.; Robert Laflin, service mgr.
Ice cream merchandising cabinets, chest type ice cream cabinets, holdover cabinets, refrigerated shelf dairy cases, glass top.

Monarch Mfg. Works, Inc.
2501 E. Ontario St., Philadelphia 34, Pa.
Phone: RE. 9-8209.
T. W. Murphy, pres.; E. B. Frame, v. p. & gen. mgr.; G. M. Frame, secy.-treas.
Oil burner nozzles and accessories; water spray nozzles and strainers.

Moncrief-Lenoir Mfg. Co.
P.O. Box 2505, Houston, Texas.
Phone: CA. 5-1441.
Branch Factories: Dallas, Harlingen, Lubbock, San Antonio, Temple, Texas.
S. A. Moncrief, pres.; V. H. Prange, v. p. & sales mgr.; W. F. Lenoir, secy.-treas.
Pipe and fittings, gas vent; roof ventilators; sheet metal; solder, hard; duct adhesive tape; brakes, sheet metal, hand; tools and tubing.

Monitor Dispenser Co., Inc.
22 Depot Sq., Montclair, N. J.
Phone: PI. 4-5666.
Branch Factory: Stroudsburg, Pa.
L. C. Vannan, pres.; S. M. Newcomb, sales mgr.; J. M. Corbin, asst. sales mgr.
Freezers; milk, beverage, and milk shake dispensers.

Moore & Co., Samuel, Dekoron Products Div.
Main & Orchard Sts., Mantua, Ohio.
Phone: CRestwood 4-2276.
F. H. Olton, pres.; A. B. Briggs, v. p. & treas.; R. B. Burnham, gen. sales mgr.; A. O. Grummey, asst. sales mgr., Dekoron Products Div.
Instrumentation tubing products and accessories; thermocouple extension wire and cable.
Trade Names: Metl-Cor*; Poly-Cor*.

Moore & Hanks Co.
9702 E. Rush St., El Monte, Calif.
Phone: CU. 3-1169.
W. H. Moore, J. D. Hanks, E. F. Hanks, partners; H. A. Rollens, gen. sales mgr.; Dan Perry, sales mgr.-Cold Storage Div.; J. C. Snyder, sales mgr.-environmental facilities; Lloyd Woods, plant supr.
Sectional walk-in coolers, hardening rooms, soda and ice dispensers; dust-free enclosures.
Trade Names: Hollywood Coolers; Tiny Giant; M-H; Astro-Lab.

Moore, Inc., Goodloe E.
P.O. Box 846, 2811 N. Vermilion St., Danville, Ill.
Phone: HI. 6-7900.
G. E. Moore, pres.; H. E. Son, exec. v. p.
Adhesives, insulation hangers.
Trade Names: Tuff-Bond; Gemco; Tuff-Weld.

Moorhead-Crego, Inc.
5120 Richmond Rd., Bedford Heights, Ohio.
Phone: AX. 2-7670.
J. C. Crego, pres.; W. H. Moorhead, v. p.
Rotary impact masonry drills and bits.
Trade Name: Mor-Go.

Morphy-Richards, Inc.
232 S. Van Brunt St., Englewood, N. J.
Phone: LO. 9-9624.
Refrigerators, domestic, portable and built-in.
Trade Name: Astral.

Morrill Motors, Inc.
3685 Northrop St., Fort Wayne, Ind.
Phone: TRinity 8261.
W. J. Morrill, pres. & chief engr.; L. D. Morrill, sales mgr.; J. P. Orchard, asst. sales mgr.; O. B. Morrill, secy.-treas. & pur. agt.; D. H. Webb, factory mgr.; K. Corson, service mgr.
Fractional horsepower fan motors.
Trade Name: Super-Silent.

Morris Co., C. W.
10628 Cloverdale Ave., Detroit 4, Mich.
Phone: WEbster 3-7500.
W. H. Blodgett, pres. & treas.; C. M. Kibbee, v. p. & gen. mgr.
Power driven industrial brushes, wheels, sections, end brushes; fabricated wire cloth products, strainers, filters, noise absorbers; pneumatic sileneers.
Trade Name: Quietaire*.

Morrison Products, Inc.
16816 Waterloo Rd., Cleveland 10, Ohio.
Phone: KE. 1-1460.
Branch Factories: Phoenix, Ariz.; Ft. Worth, Texas.
H. Morrison, bd. ch.; T. Morrison, pres.; H. Morrison, Jr., exec. v. p.; A. Galaba, v. p.; J. Howlett, adv. mgr.; W. Kersten, pur. agt.; P. Kardos, chief engr.
Belt and direct drive blowers; blower wheels and blower parts; kitchen range hood ventilators.
Trade Names: Du-Air; Vari-Air; Filtaire.

Morrison Steel Products, Inc.
601 Amherst St., Buffalo 7, N. Y.
Phone: TR. 5-7660.
M. J. Kohnstamm, pres.; A. J. Harsch, v. p.; S. M. Weisberg, treas.; E. H. Kavinoky, secy.; T. J. Kubala, O. Nichols, sales-service; Manus Roizen, dir. sales prom.; A. Savanyu, pur. agt.; R. Lyall, chief engr.; R. Fanning, plant mgr.
Residential air conditioners and furnaces.
Trade Name: Mor-Sun.

Mortell Co., J. W.
550 Hobbie Ave., Kankakee, Ill.
Phone: WEllis 3-5516.
Branch Factories: Warren, Mich.; Lyndhurst, N. J.
J. L. Mortell, pres. & treas.; D. E. Mortell, v. p. & gen. sales mgr.; J. W. Mortell, v. p. & prod. mgr.; K. D. Roubie, sales mgr., Detroit div.; E. T. Lund, sales mgr., central div.; R. J. Mortell, sales mgr., eastern div.; R. J. Rivard, mgr. mdsg. div.; G. R. Peterman, pur. agt.; K. Gachet, chief engr.
Pipe, tank, and duct insulations; sealers and adhesives; sound deadening compounds; protective coatings, caulks.
Trade Names: Mortite; NoDrip; Insulmat; Mortex.

Motor Wheel Corp., Consumer Products Div.
509 S. Poplar St., La Grange, Ind.
Phone: HOpkins 3-2191.
M. E. Cotes, pres.; R. J. Wilcox, exec. v. p.; M. Franklin, gen. sales mgr., Cons. Prod. Div.; P. Glenkey, Duo-Therm sales; A. Kretschman, mobile home sales; L. Wood, pur. agt.; Paul Fair, chief engr.; H. E. Beckley, plant mgr.
Mobile home and room air conditioners; oil and gas fired home heaters, wall furnaces and mobile home furnaces.
Trade Name: Duo-Therm.

Mowat Refrigeration Co.
2500 Marin St., San Francisco 24, Calif.
Phone: MI. 8-7550.
R. D. Mowat, pres.; R. J. McGuire, secy.; R. F. Walthew, chief engr.
Commercial refrigerators and store fixtures.

Mueller Brass Co.
1925 Lapeer Ave., Port Huron, Mich.
Phone: 985-5111.
F. L. Riggin, Jr., pres. & gen. mgr.; A. C. Dappert, v. p.-sales; W. M. Edmondson, secy.-treas.; L. D. Little, asst. treas.
Brass and copper products.
Trade Names: Sightmaster; Vuemaster; Drymaster; Guardsman; Pioneer; Streamline; Safetymaster; Linemaster; Globemaster.

Mueller Climatrol, Div. of Worthington Corp.
2005 West Oklahoma Ave., Milwaukee 1, Wis.
Phone: MI. 5-1166.
Branch Factories: Milwaukee; Alhambra, Calif.
H. P. Mueller, Jr., pres.; C. E. Hoerig, v. p.-mfg.; R. B. Schmidt, gen. sales mgr.; W. S. Sutherland, adv. mgr.; R. F. Hume, dir. pur.; R. W. Weekes, mgr.-mktg. service; C. B. Quick, gen. plant supt.; O. J. Ress, mgr.-engrg.; N. E. Hill, chief engr., hydronics; W. G. Crooker, chief engr.-cooling; J. O. Fichtner, chief engr., htg.; L. A. Miles, mgr.-customer education; G. M. Hase, mgr.-planning; R. A. Hoehne, mgr.-sales engrg.
Central heating, unit heaters, air conditioning, and humidity control; heat pumps.

Mueller Co., Paul
P.O. Box 150, Springfield, Mo.
Phone: UNiversity 5-2831.
Paul Mueller, pres.; P. J. White, v. p.; E. V. Cox, v. p.; J. W. White, v. p.; P. G. Gille, secy.; J. E. Davis, treas.; Art Reberry, pur. agt.; Leroy Ray, chief engr.
Refrigerated stainless steel dairy and food processing equipment.

Mueller Steam Specialty Co., Inc.
29 Meserole Ave., Brooklyn 22, N. Y.
Phone: EV. 3-9005.
B. Steinman, pres.; J. Steinman, v. p.
Pipe line strainers.
Trade Names: Muess-Co.

Multiplex Co.
1400 Ferguson Ave., St. Louis 33, Mo.
Phone: VO. 3-4224.
J. M. Travis, bd. ch.; G. J. Travis, v. p. & gen. mgr.; Phil Bamberger, sales mgr.; G. E. Seener, chief engr.; John Bultas, field rep.
Carbonators and soft drink dispensers.
Trade Names: Multiflo; Monitor.

Multiplex Mfg. Co., Inc.
600 Fowler Ave., Berwick, Pa. Phone: 752-4524.
B. E. Crispin, pres.; F. E. Crispin, v. p.; R. L. Fox, mgr.
Refrigeration condensing units.
Trade Name: Multi-Cold.

Muncie Gear Works, Inc.
P.O. Box 433, Cordele, Ga. Phone: 273-3636.
K. A. Spurgeon, pres.; W. A. Spurgeon, secy.-treas.; S. E. Brown, sales; J. S. Shaffer, chief engr.
Air conditioners; heat pumps; electric heaters.
Trade Name: Marvair.

Murray Equipment Co., Inc.
14011 Oakland, Detroit 3, Mich.
Phone: TO. 9-4444.
J. J. Murray, pres. & sales mgr.; George Rogers, gen. mgr.; John Knechtges, pur. agt.
Automatic motor base; pivoted motor rails.
Trade Name: Tens-A-Matic*.

Murray Hill Manufacturers, Inc.
1136 N.E. Flagler Dr., Ft. Lauderdale, Fla.
Phone: JA. 3-3409.
Self-contained and split system air conditioners, water cooled.

Murray Mfg. Co., D. J.
1002-24 Third St., Wausau, Wis.
Phone: VI. 5-3151.
A. W. Plier, pres. & gen. mgr.; W. A. Marquardt, secy. & asst. mgr.; L. L. Duncan, sales & adv. mgr.-Heating Div.; E. A. Preston, chief engr.-Heating Div.
Unit heaters; blast heaters; fin-type radiation for use on steam.
Trade Name: Grid.

Myers & Bros. Co., The F. E.
400 Orange St., Ashland, Ohio. Phone: 2-1544.
C. Ginn, Jr., pres.; W. Moreland, v. p.-mfg.; W. J. Barnes, gen. mgr.-sales; R. D. Topper, adv. mgr.; G. D. Morr, pur. agt.; R. W. Casciani, plant engr.
Water systems, domestic and industrial pumps, sump pumps, power sprayers, water conditioning equipment.
Trade Names: Olympian; Crestline.

Mystik Adhesive Products, Inc.
2635 No. Kildare, Chicago 39, Ill.
Phone: SP. 2-1600.
R. J. Leander, pres.; R. D. Smith, exec. v. p.; M. R. Stohl, v. p.-sales; S. L. Ostrenga, natl. sales mgr.; N. F. Hansen, mktg. mgr.
Pressure-sensitive tapes and adhesives.
Trade Names: Thinflex; Flexstron; Protecto-Mask.

N

NRC Equipment Corp.
160 Charlemont St., Newton 61, Mass.
Phone: DE. 2-5800.
Branch Factories: Cambridge, Mass.; Palo Alto, Calif.
Hugh Ferguson, pres.; J. Moore, v. p.; R. H. Binkerd, sales mgr.; W. G. Small, adv. & sales prom. mgr.; Loring Raymond, pur. agt.; H. A. Steinherz, dir. engrg.
High and ultra high vacuum systems and components.
Trade Name: Port-A-Vac.

Nagel-Chase Mfg. Co., The
2811 N. Ashland Ave., Chicago 13, Ill.
Phone: LAkeview 5-7825.
E. H. Schultz, Jr., pres.; D. B. Anderson, exec. v. p.
V-belt pulleys.

Nalco Chemical Co.
6216 W. 66th Pl., Chicago, Ill.
Phone: PO. 7-7240.
J. M. Seaman, product dept. coord.; S. K. Adkins, product mgr., power industry chemicals; P. R. Puckorius, product mgr., stabilization chemicals; J. T. Burke, product mgr., coagulation chemicals.
Water treatment chemicals and service.

National Carbon Co., Div. of Union Carbide Corp.
270 Park Ave., New York 17, N. Y.
Phone: LL. 1-2345.
Chemicals and compounds; activated carbon; motor brushes; welding carbon products.
Trade Name: "Karbate*" impervious graphite.

National Chemsearch Corp.
P.O. Box 10087, Dallas 7, Texas.
Phone: BL. 3-4141.

Branch Factories: St. Louis; New York City.
R. W. Levy, pres.; Milton Levy, v. p.
Coil cleaning compounds; algaecides; water treatment chemicals; electric motor cleaner.
Trade Names: Deox; Chem Aqua; SS-25*.

National Copper & Smelting Co., The
1862 E. 123rd St., Cleveland 6, Ohio.
Phone: CEdar 1-2366.
C. L. Smith, pres.; C. L. Smith, Jr., exec. v. p.; R. B. Flynn, sales mgr.; S. O. Smith, pur. agt.; Vernon Hier, prod. mgr.
Seamless copper and brass tubing.

National Electric Div., H. K. Porter Co., Inc.
Porter Bldg., Pittsburgh 19, Pa.
Phone: EXpress 1-1800.
Branch Factories: Ambridge, Pa.; Linden, N. J.
S. C. Powers, v. p. & gen. mgr.; W. Hallam, sales mgr.; G. F. Placier, asst. sales mgr.; C. J. Philage, adv. mgr.; T. M. Porter, pur. agt.; R. Johnson, dir. engrg.
Electrical distribution equipment and systems.
Trade Names: Nepcolok; Nepcoduct; Indestructo; Speedbus; Jumboduct; Flushduct; Neasbestos; Nepcosil; Wirewa; Plug-In Strip; Sherarduct; Surfaceduct; Twinduct.

National Heater Co., Inc.
2475 Doswell Ave., St. Paul 8, Minn.
Phone: MIdway 6-9631.
Branch Factory: Owatonna, Minn.
T. J. Costello, pres.; G. T. Costello, exec. v. p.; E. M. Delaney, sales mgr.
Direct and indirect fired heaters, blowers, and drying equipment.
Trade Name: National Champion.

National Lock Co.
1902 Seventh St., Rockford, Ill.
Phone: WO. 2-4455.
A. J. Strandquist, pres. & gen. mgr.; M. A. Sommer, exec. v. p.; S. O. Koberg, sales mgr., refrig. hdwe. sales; B. A. Grenberg, sales mgr., indus. hdwe. div.; H. M. Johnson, adv. mgr.
Hardware; plastics, screws and bolts.
Trade Name: Rockford.

National Market Equipment Co., Inc.
25531 Dequindre, P.O. Box 166,
Madison Heights, Mich.
Phone: JO. 4-5850; LI. 5-0900.
F. J. Kuhn; James Kitzman.
Commercial refrigeration equipment and shelving.

National Modulation Co.
2720 N. Hwy. 61, St. Paul 9, Minn.
Phone: IV. 4-2931.
C. H. Peters, gen. mgr.; R. C. Peters, sales mgr.; J. A. Peters, prod. mgr.
Modulating blower speed controls.
Trade Name: Palm Beach; cMc*.

National Steel Construction Co.
500 S. Myrtle St., Seattle 8, Wash.
Phone: PA. 2-4009.
D. Eisinga, pres.; F. N. Killien, v. p.; Dirk Eisinga, Jr., v. p.; L. V. Johnson, sales mgr.; W. R. Kelly, pur. agt.; J. S. Kelly, chief engr.
Commercial, residential and swimming pool heating boilers plus electric baseboard radiation; wall insert heaters; truck cab air conditioners.
Trade Names: Columbia; Continental.

National Supply Div., Armco Steel Corp.
2 Gateway Center, Pittsburgh 30, Pa.
Phone: EX. 1-2900.
Branch Factory: Ambridge, Pa.
Sidney Shuman, v. p. & gen. mgr.; G. B. Cushing, v. p.-personnel, pub. rel. & adv.; K. L. Palmer, adv. mgr.
Conduit, continuous weld and seamless steel pipe.
Trade Names: CW*; Spang*.

National Thermatic Corp.
939 West 35th St., Houston 18, Texas.
Phone: OV. 6-3711.
John Rutherford, pres.; Van McBride, exec. v. p.; Howard Engstrom, v. p.
Straight forward heat pumps, air conditioners.
Trade Names: Thermatic; Weather-Matic.

National Tube Div., U.S. Steel Corp.
525 William Penn Pl., Pittsburgh 30, Pa.
Phone: EXpress 1-2345.
Export Office: New York City.
Pipe and tubing.
Trade Name: USS National*.

National Tube Forming, Inc.
140 N. Manning St., Hillsdale, Mich.
Phone: HE. 7-4220.
Mrs. Opal Fireoved, pres.; Charles Bratton, secy.-treas.; Russell King, gen. mgr.; Robert Dellinger, shop supt.
Fabricated tubes from copper, steel, aluminum, and brass.

Nelson Mfg. Co., C.
4016 N. Union Blvd., St. Louis 15, Mo.
Phone: EV. 1-4000.
J. L. Nelson, bd. ch.; C. W. Nelson, pres.; G. F. Dueker, gen. mgr.; L. H. Hoerdt, pur. agt.; C. P. Klusemeier, chief engr.; E. Overhalt, factory mgr.
Ice cream cabinets and merchandisers; soda fountains and carbonators; frozen food cabinets.
Trade Name: Nelco.

Nesbitt, Inc., John J.
State Rd. & Rhawn St., Philadelphia 36, Pa.
Phone: DEvonshire 2-2400.
A. J. Nesbitt, bd. ch. & pres.; H. J. Nesbitt, v. p.-mfg.; J. W. McElgin, v. p.-engrg.; W. D. Widerman, v. p.-sales; W. D. McCloskey, div. mgr.; J. J. Merrick, div. mgr.; G. Haufler, div. mgr.; W. Parmer, pur. agt.
Coils, unit heaters, unit ventilators, air conditioners, finned radiation.
Trade Names: Syncretizer*; Sill-Line*; Thermovent*; AudiCon*; Roommate*.

New Departure Div., General Motors Corp.
269 N. Main St., Bristol, Conn.
Phone: LU. 2-6371.
Branch Factories: Meriden, Conn.; Sandusky, Ohio.
S. H. Stoner, gen. mgr.; F. J. Garbarino, dir.-sales & engrg.; L. F. Swoyer, gen. sales mgr.; H. A. Offers, M. J. Pattyn, R. E. Merrill, D. L. Clark, sales mgrs.; M. C. Wagner, mdsg. mgr.; J. J. Creamer, sales operations mgr.; R. H. Valentine, dir. of research & dev.; F. A. Kurt, adv. supt.; W. J. Ryan, dir. of pur.; H. T. Burgess, dir. of reliability; Peter Wallack, chief engr.; J. P. Gillilan, asst. chief engr.; K. V. Knebel, gen. works mgr.; H. L. Brophy, pub. rel. mgr.
Ball bearings for every use; steel balls; sprag clutches; roller clutches; forgings; transmission parts.
Trade Names: Sentri-Seals; Armor-Gards; Brite-Gard.

New England Carbide Tool Co., Inc.
55 Commercial St., Medford 55, Mass.
Phone: EXport 5-7100.
B. L. Chapin, pres.; J. D. Worcester, v. p. & treas.; T. von Rosenvinge, pur. agt.; E. R. Tengberg, works mgr.
Carbide tipped masonry bits and masonry drilling equipment.
Trade Names: Cyclo-twist; Cyclo-Core; Thunder-twist; Wyr-lok.

New York Blower Co., The
3155 S. Shields Ave., Chicago 16, Ill.
Phone: CAlumet 5-8100.
Branch Factories: LaPorte, Ind.; Chicago.
G. A. Mathis, pres.; E. E. Trickler, v. p.-mktg.; J. Wm. Mathis, v. p. & sales mgr.; C. T. Bird, secy.-treas.; V. J. Mathis, pur. agt.; C. J. Trickler, chief engr.; G. S. Rowley, factory mgr.; F. M. Olling, service mgr.
Centrifugal fans, centrifugal and propeller unit heaters, propeller fans, pressure blowers, blast heating coils.

Trade Names: IPL; G.I.; Bell-Ex; VP--EX; Steelfin; Make-Up 'AIR; AcoustaFan.

New York Soda Fountain Co., Inc.
1399 Park Ave., New York 29, N. Y.
Phone: LE. 4-2242-3.
W. M. Gleicher, pres.; R. B. Gleicher, v. p.; Lee Gleicher, secy.-treas.
Soda fountains; food equipment.
Trade Name: Nysofount.

Niagara Blower Co.
673 Ontario St., Buffalo 7, N. Y.
Executive Offices:
405 Lexington Ave., New York, N. Y.
P. H. Schoepflin, bd. ch.; M. H. Olstad, pres.; R. C. Knight, sales mgr.
Air engineering equipment.
Trade Names: Aero; Aeropass; Hygrol; No-Frost.

Niagara Furnace Div. of The Forest City Foundries Co.
2500 West 27th St., Cleveland, Ohio.
Phone: TOwer 1-5040.
C. F. Seelbach, Sr., bd. ch.; C. F. Seelbach, Jr., pres. & gen. mgr.; W. C. Kremser, secy.-treas.; R. G. Strangward, mgr.; I. E. Seith, sales mgr.
Warm air furnaces; residential air conditioners.

Niagara Machine & Tool Works
637-697 Northland Ave., Buffalo, N. Y.
Phone: TX. 3-4070.
G. E. Munschauer, bd. ch.; F. E. Munschauer, pres. & gen. mgr.; F. A. Reed, v. p.-sales; H. S. Cheyney, gen. sales mgr.; L. L. Hock, sales mgr., light machinery; H. E. Carson, adv. mgr.
Presses, shear, press brakes and sheet metal fabricating machines and tools.

Nibco, Inc.
500 Simpson Ave., Elkhart, Ind.
Phone: JA. 2-1030.
L. Martin, pres.; R. C. Kelley, adv. mgr.
Fittings and valves.

Nichols Refrigeration Co.
P.O. Box 127, Medina, Ohio. Phone: PA. 3-0972.
Art Nichols, pres. & treas.; O. Nichols, v. p.; M. Nichols, secy.
Semen storage cabinets; milk coolers; egg coolers; truck units.

Nolin Mfg. Co., Inc.
1400 Lloyd St., Montgomery, Ala.
Phone: 263-4454.
A. C. Nolin, pres.; B. Nolin, v. p.; Mrs. C. G. Conner, secy.-treas.
Commercial refrigeration.
Trade Name: Moisturizer.

NOPCO Chemical Co., Plastics Div.
175 Schuyler Ave., N. Arlington, N. J.
Phone: WY. 8-3555.
Factories: Los Angeles; Chattanooga, Tenn.
G. G. Stier, pres.; B. Collins, gen. mgr.; J. Gulick, gen. sales mgr.; R. Weber, mgr. system sales; R. Singer, mgr. urethane foam sales.
Urethane foam insulation, all types.
Trade Name: Nopcofoam*.

Nor-Lake, Inc.
Second & Elm Sts., Hudson, Wis.
Phone: DU. 6-2323; St. Paul, CA. 2-7423.
H. J. Blakeman, pres. & gen. mgr.; K. D. Cameron, v. p. & plant mgr.; Marie B. Blakeman, secy.-treas. & credit mgr.; H. J. Huftel, sales mgr.; V. J. Becker, pur. agt.; L. V. Skalicky, chief engr.
Commercial refrigeration.

Norcold, Inc.
5111 W. Washington Blvd., Los Angeles, Calif.
Phone: WE. 1-8123.
Branch Factory: Sidney, Ohio.
N. H. Lee, pres.; L. D. Rosin, exec. v. p.; F. Von Der Scher, technical mgr.
Refrigeration and instantaneous water heaters.
Trade Name: Vaillant.

Nord Hermetic Co.
1701 San Leandro Blvd., San Leandro, Calif.
Phone: NEptune 8-6400.
P. Kunkle, co-owner; G. Leatherman, co-owner.
Hermetically sealed compressors and systems remanufactured.

Norge Div., Borg-Warner Corp.
Merchandise Mart Plaza, Chicago 54, Ill.
Phone: WHitehall 4-0700.
Branch Factories: Herrin & Effingham, Ill.; Muskegon Heights, Mich.
J. S. Sayre, bd. ch.; R. H. Quayle, Jr., pres.; H. P. Bull, v. p. & asst. to pres.; V. C. Rice, v. p.-mfg. & engrg.; W. C. Fisher, v. p.-sales; Jack Pettersen, dir. of mktg.; L. Ardis, v. p., Herrin; J. Elmore, v. p., Effingham; K. E. Anderson, v. p., Muskegon Heights; R. C. Larko, nat'l adv. mgr.; Harry McDavitt, nat'l sales prom. mgr.; E. G. Fenton, dir. of nat'l service.
Refrigerators and freezers.
Trade Name: Swing 'N Serve.

Norman Products Co.
1150 Chesapeake Ave., Columbus 12, Ohio.
Phone: HUdson 8-1157.
E. A. Norman, pres.; M. H. Thomas, dir. mktg. & sales; H. D. Steffy, sales mgr.; N. C. Campbell, chief engr.
Gas heating equipment.

North American Vending Mfg. Corp.
110 Jericho Turnpike, Floral Park, L. I., N. Y.
Phone: GEneral 7-0800.
Robert Weber, pres. E. P. Zimmermann, v. p.; L. S. Stevens, secy.-treas. & mktg. dir.
Fully automatic ice cube maker and vendor.
Trade Name: Ice Mart.

Northland Plastics, Inc.
1420 S. 16th St., Sheboygan, Wis.
Phone: GL. 8-4161.
A. J. Zingsheim, Jr., bd. ch. & pres.; M. Zingsheim, v. p.; G. Pauly, secy.-treas.; R. J. Schnettler, prod. mgr.
Thermoplastic extrusions.

Nu-Way Corp., The
2416 Fourth Ave., Rock Island, Ill.
Phone: 786-5481.
Branch Factory: Milan, Ill.
J. E. Rettke, pres. & treas.; Earl Thompson, dir.-engrg.; Wm. Davis, dir. pur.
Burners, gas and oil.

Nutt Co., Buell W.
11614 W. Pico Blvd., Los Angeles, Calif.
Phone: GRanite 7-6380.
Buell W. Nutt, owner.
Goggles: safety and welding; respirators; welding helmets; safety clothing; safety equipment and supplies.
Trade Names: Prolexite; Ritelite; Seeweld.

O

OPW-Jordan Div. of Dover Corp.
6013 Wiehe Rd., Cincinnati 13, Ohio.
Phone: EL. 1-1352.
G. B. Richards, Jr., pres.; N. J. Kraus, sales adm.; R. J. Peters, adv. mgr.
Quick couplers, sight flow indicators; controls—temperature and pressure regulators; control valves.
Trade Names: Kamlok; Visi-Flo.

Oakite Products, Inc.
19 Rector St., New York 6, N. Y.
Phone: WHitehall 3-0940.
Branch Factories: Brooklyn; Milltown & Metuchen, N. J.
J. A. Carter, pres.; D. S. Ball, 1st v. p.; J. J. Basch, 2nd v. p.-mktg.; Wm. A. Baltzell, v. p.-sales; G. M. Seib, v. p.; E. Lingle, v. p.; V. D. Smith, v. p.; J. Beckett, treas.; E. H. Steif, secy.; E. D. Hanagan, cont.; P. J. Kornett, gen. mgr.-

mfg.; C. Ide, E. Wallner, plant mgrs.
Materials and equipment for cleaning and related operations.
Trade Names: Airefiner; Saturol; Bactericide; Sanitizer; Di-Sanite; Rustripper; Drycid.

Octagon Ventilator Mfg. Co.
P.O. Box 1127, Jackson, Tenn. Phone: 2-6671.
Wall fan applications; roof ventilators, power and gravity.
Trade Names: Aeromatic*; Air-In*; Airphlo*; Air-X-It*; Heat-X-It*; Louvent*; Lo-X-It*; Rectangular Junior; Ridgevent*; Vent-X-It*.

Ohio Brass Co.
380 N. Main St., Mansfield, Ohio.
Phone: LA. 2-7111.
Branch Factories: Barberton, Ohio; Niagara Falls, Ont., Can.
R. A. Black, pres.; L. J. Ott, v. p.-sales; H. J. Clark, sales mgr., valve dept.
Valves.
Trade Name: Equatemp*.

Ohio Carbon Co., The
12508 Berea Rd., Cleveland 11, Ohio.
Phone: CLearwater 2-6100.
D. M. Moulton, pres.; F. C. Aurand, v. p. & sales mgr.; D. I. Stoffel, adv. mgr.; R. Hawrylak, pur. agt.; C. W. Adams, chief engr.; R. E. Graf, factory mgr.; H. Deutchman, export mgr.
Carbon and carbon graphite products.
Trade Names: Karak; Cleanaire.

Ohio Foundry & Mfg. Co., The
629 Slack St., Steubenville, Ohio.
Phone: 282-2751.
G. H. McFadden, pres. & gen. mgr.; H. E. Thompson, v. p. & chief engr.; J. P. O'Leary, v. p.-pur.; J. R. MacDowell, sales mgr.
Heating units, domestic and commercial, gas.
Trade Name: Brilliant Fire.

Old Dominion Iron & Steel Corp.
Belle Isle, Richmond, Va. Phone: MI. 8-4413.
M. J. O'Connell, v. p.-sales; P. Clark, v. p.-prod.; K. A. Toney, pur. agt.
Hot water storage tank heaters, heat exchangers, heat reclaimers, pressure vessels, tanks.
Trade Name: ODIS.

Olin Mathieson Chemical Corp.
See Metals Div.

Olsen Mfg. Co., The C. A.
Elyria, Ohio. Phone: FAirfax 3-3102.
Branch Factory: Medina, Ohio.
R. N. Campbell, pres.; A. J. Ritter, v. p.; R. W. Lindsay, v. p.-sales; C. J. McLaughlin, v. p.-mfg.; C. L. Travers, asst. sales mgr.; J. S. Garber, adv. mgr.; F. L. Bedocs, pur. agt.; W. J. Watchler, dir. engrg.; C. L. Grandstaff, chief appl. engr.
Residential summer air conditioners, air and water cooled; combination year-round air conditioners, air and water cooled, gas or oil fired; winter air conditioners, gas and oil fired; gas fired unit heaters; gas fired duct furnaces; air-to-air heat pumps.
Trade Name: Luxaire*.

Onan Div. of Studebaker-Packard Corp.
2515 University Ave. S. E., Minneapolis 14, Minn.
Phone: FE. 2-1155.
C. W. Onan, pres.; R. E. Mullin, v. p.-mktg.; J. C. Holby, v. p.-engrg.; R. Westrum, mgr., O.E.M. sales; D. W. Onan, II, mgr., mkt. planning & prom.; V. Moen, pur. agt.; Frank Fitzpatrick, export mgr.
Engine-compressors.

Otto Boiler Co., Inc., George
1905-15 E. Washington St., Springfield, Ill.
Phone: KI. 4-2777.
G. G. Otto, Jr., pres.; E. R. Otto, secy.-treas.; H. F. Estill, sales mgr.
Steel heating boilers.

Overhead Heaters, Inc.
1710 Book Bldg., Detroit, Mich.
Phone: WO 2-4647.
Branch Factories: Dowagiac, Mich.; Hawthorne, N. J.
T. E. Trese, pres. & gen. mgr.; L. A. McGrail, v. p.; A. Goldich, business mgr.
Horizontal gas and oil furnaces.
Trade Name: Shafconaire.

Owens-Corning Fiberglas Corp.
National Bank Bldg., Toledo 1, Ohio.
Phone: CH. 8-6741.
Factories: Newark, Ohio; Barrington, Berlin, N. J.; Huntington, Pa.; Kansas City, Kan.; Santa Clara, Calif.; Ashton, R. I.; Anderson, S. C.; Aiken, S. C.
Fiberglas products for thermal and acoustical insulation; air filters; plastic reinforcements.
Trade Names: Fiberglas; Aerocor; Dust-Stop.

P

P-G Products Mfg. Co., Inc.
230 East 162nd St., New York 51, N. Y.
Phone: WY. 2-4400.
Branch Factories: Los Angeles; Melrose Park, Ill.
Saddle tees, fittings, refrigerator door gaskets.

Pacific Electricord Co.
747 W. Redondo Beach Blvd., Gardena, Calif.
Phone: FAculty 1-6450.
Arnold Schott, pres.; Kurt Michael, v. p.-sales; Clifford Perkins, v. p.-finance; N. R. Thorsness, pur. agt.
Electric cord sets, electric cords and wire, extension cords; cable assemblies; wire harnesses; connectors; power supply cords.
Trade Names: Color Cord; Rhino-Hide; Luton; PECO.

Pacific Lumber Co., The
100 Bush St., San Francisco 4, Calif.
Phone: GArfield 1-3717.
Branch Factory: Scotia, Calif.
E. E. Brown, mgr., By-Products Div.; Ray Klass, asst. mgr., By-Products Div.
Insulation, chemicals.
Trade Names: Palco Wool; Palcotan 905.

Pacific Pumping Co.
9201 San Leandro St., Oakland 3, Calif.
Phone: NE. 2-5234.
Branch Factory: Portland, Ore.
A. Ruxton, pres.; S. B. Huntting, v. p. & mgr. Northwest Div.; W. Ruxton, sales mgr.; J. T. Culleton, chief engr.
Pumps, refrigerant transfer, sump and water.

Pacific Transducer Corp.
11836 W. Pico Blvd., Los Angeles 64, Calif.
Phone: GRanite 8-1134.
R. S. Clarke, pres.; G. A. Argabrite, v. p. & chief engr.
Thermometers, recording; pyrometers.
Trade Name: Pandux*.

Packless Metal Hose, Inc.
P.O. Box 827, York, Pa. Phone: YOrk 3-1594.
K. B. Zifferer, pres.; H. W. Cole, v. p.; M. B. Johnson, sales mgr.; R. F. Hershey, pur. agt.; L. B. Stricklin, plant mgr.
Vibration absorbers and pullout assemblies.

Paine Co., The
505 Westgate Rd., Addison, Ill.
Phone: EStebrook 9-0266.
R. M. Hall, pres.; J. E. Scott, v. p.; C. C. Coffey, v. p.; E. C. Hall, secy.-treas.
Toggle bolts; expansion anchors; pipe, copper tubing, and conduit hangers.

Palmer Thermometers, Inc.
2501 Norwood Ave., Cincinnati, Norwood 12, Ohio.
Phone: ME. 1-1500.
B. Palmer, pres.; C. P. Mitchell, v. p.; D. H. Hitt, v. p.-sales & adv.; S. Rolfsen, pur. agt.;

C. C. Bernitt, chief engr.; H. A. Warren, factory mgr.
Thermometers: indicating and recording.
Trade Name: Red-Reading-Mercury.

Paragon Electric Co.
1600 12th St., Two Rivers, Wis. Phone: 303.
G. J. Platt, pres.; R. W. Eldred, v. p.-sales; J. J. Everard, v. p.-engrg.; T. B. Morrison, mgr. refrig. div.; H. Buchholz, mgr. com'l div.; B. Beduhn, adv. mgr.; G. Powalisz, pur. agt.; D. Karmen, service mgr.
Time controls and switches.
Trade Names: 'de-frost-it'; De-Frost-O-Matic.

Park Electrochemical Corp.
34-10 Linden Pl., Flushing 54, N. Y.
Phone: FL. 9-7000.
J. Shore, bd. ch.; D. Kend, pres.; A. Chiesa, v. p.; J. B. Loesing, Jr., v. p.-sales; W. Bagonis, asst. sales mgr.; M. Solomon, compt.
Anodized aluminum foil nameplates and decorative trim.
Trade Names: Thinplates; Thinplate Dimensionals.

Parker Fittings & Hose Div. of Parker-Hannifin Corp.
17325 Euclid Ave., Cleveland 12, Ohio.
Phone: KEnmore 1-3000.
Branch Factories: Eaton, Ohio; Des Plaines, Ill.
C. C. Sigmier, bd. ch.; S. B. Taylor, pres.; R. W. Cornell, exec. v. p.; D. S. Manning, div. mgr.; A. N. Aiman, sales mgr.; S. E. Voran, sales prom. mgr.; F. Jenkins, pur. agt.
Tube and hose fittings and tools.
Trade Names: Exactol; Ferulok; Ferulube; Hozelok; Intru-lok; Ridg-lok; Tork-grip; Triple-lok; Unipar; Weld-lok.

Parker-Kalon, Div. of General American Transportation Corp.
1 Peekay Dr., Clifton, N. J.
Phone: GRegory 1-1000.
S. S. Kahn, pres.; P. B. McSherry, v. p.-sales; R. H. Morley, gen. mgr.; H. J. Rodaman, asst. gen. mgr.; W. A. Toepel, sales engrg. mgr.; A. D. Rofheart, adv. mgr.; J. Schwartz, pur. agt.; L. Lovisek, dir., engrg. & devel.; L. Oest, standards engr.; H. Herschmann, export mgr.
Metal fasteners of all types.
Trade Names: P-K; Tapits; W-Point; Hi-Thred; Rimguard; Jet-Setter; Staps.

Parker Seal Co.
10567 Jefferson Blvd., Culver City, Calif.
Phone: VErmont 9-1161.
Branch Factories: Berea, Lexington, Ky.
Scott Rogers, pres.; T. J. McCuistion, v. p.-sales; Wm. E. Swan, western sales mgr.; F. J. Opatrny, eastern sales mgr.
O-rings, precise sealing devices; molded rubber parts.
Trade Names: Gask-O-Seal; Stat-O-Seal; Lock-O-Seal; Riv-O-Seal; Strip-O-Seal; O-ring; Parbak.

Parkomat Sales Co., Inc.
2000 S. Akard St., Dallas 15, Texas.
Phone: HA. 1-2163.
H. H. Nichols, bd. ch.; H. E. Roberts, pres. & gen. sales mgr.; R. S. Claiborne, v. p. & secy.-treas.; L. M. Jenniges, chief engr.; E. J. Bradley, service mgr.
Auto air conditioning.
Trade Name: Equipaire.

Parks-Cramer Co.
Newport St., Fitchburg, Mass.
Phone: DIamond 3-3796.
Branch Factory: Charlotte, N. C.
M. Ford, pres.; L. R. Sibley, southern sales mgr.; W. E. Buck, northern sales mgr.; D. J. Delage, pur. agt.; G. F. Kellogg, export mgr.
Industrial air conditioning and humidifying systems.
Trade Name: Certified Climate*.

Parr Paint & Color Co., The
18312 Syracuse Ave., Cleveland 10, Ohio.
Phone: KE. 1-1070.
T. C. Parr, pres.; L. F. Richardson, v. p.; L. W. Foote, treas. & office mgr.; C. J. Strand, adv. mgr. & pur. agt.; E. Domitz, chief engr.; J. M. Januska, factory mgr.; B. G. Schwartz and S. H. Bogart, export mgrs.
Sealing and caulking compounds.
Trade Names: Alumilastic; Parflex; Parweld; Parbond; Parmastic.

Partlow Corp., The
232 Campion Rd., New Hartford, N. Y.
Phone: Utica: SW. 7-2222.
H. W. Partlow, Sr., bd. ch.; H. W. Partlow, Jr., pres.; W. A. McGrew, v. p.; W. C. Roberts, adv. mgr.; D. J. Orr, pur. agt.; J. K. Clark, chief engr.; F. A. Chapman, asst. chief engr.; C. W. Pfleiger, mgr., research & devel.
Temperature controls and recorders, thermometers, combustion safeguards, limit controls, timers, temperature controls and recorders for refrigerated railway cars and trucks.

Pass & Seymour, Inc.
Syracuse 9, N. Y. Phone: HO. 8-6211.
J. S. Pass, pres.; R. M. Salisbury, v. p.; T. A. Mager, gen. sales mgr.
Electrical supplies, connectors, sockets, wiring devices, switches, outlets, and wall plates.
Trade Names: P & S*; Alabax*; Despard Line*; Uniline*; Surfex*; Roto-Glo*; Rocker-Glo*; Ivory-X*; Brown-X*; Chrome-X*.

Patten Co., J. V.
Sycamore, Ill. Phone: 2118.
D. C. Patten, pres.; J. H. Patten, exec. v. p.; C. A. Pearce, gen. mgr.
Warm air furnaces, air conditioning units, residential and commercial.

Patterson-Kelley Co., Inc., The
East Stroudsburg, Pa. Phone: HAmilton 1-7500.
F. L. Patterson, Jr., pres.; O. J. Pedersen, v. p.; C. H. Lilius, treas.; Wm. J. Feigley, secy.; H. G. Walters, pur. agt.; C. E. Drake, chief engr.-Heat Exchanger Div.
Heat transfer equipment.

Patterson-Sargent Co.
1325 E. 38th St., Cleveland, Ohio.
Phone: ENdicott 1-4050.
Subsidiary of: H. K. Porter Co., Inc.
Branch Factory: New Brunswick, N. J.
L. B. Hartnett, v. p. & gen. mgr.; J. O. Weddle, gen. trade sales mgr.; H. Masuhr, indus. sales mgr.; L. J. Olsen, controller.
Paints, enamels, varnishes, industrial finishes.
Trade Name: BPS.

Pawling Rubber Corp.
Pawling, N. Y. Phone: UL. 5-9211.
R. Thornburg, bd. ch.; H. W. Smith, pres.; R. Busby, sales mgr.; H. Reid, gen. mgr.; M. Bedics, chief engr.
Rubber, vinyl and silicone extrusions, mats and matting.
Trade Name: Parco-Link*.

Paxton-Mitchell Co.
2614 Martha St., Omaha 5, Neb. Phone: 345-6767.
Branch Factory: Blair, Neb.
J. L. Paxton, Jr., pres.; R. R. King, v. p. & gen. mgr.; Norman Lund, secy. & asst. treas.; C. H. Petersen, sales & service mgr.; A. Gebhardt, chief engr.; R. C. Johnson, act. plant supt.
Reciprocating compressors, compressor parts, couplings, replacement parts.
Trade Names: Safe-N-Ezy; Baker; Q. D. Couplings.

Payne Co., The
855 Anaheim-Puente Rd., La Puente, Calif.
Phone: CU. 3-6611.
Subsidiary of: Carrier Corp.
W. J. Bailey, pres.; R. Tritten, exec. v. p.; Wm. F. Steiner, sales mgr.; G. Haladay, adv. mgr.; R. McDonald, sales prom. mgr.; B. Nagy, pur. agt.; J. Hollingsworth, chief engr.; P. Schaerner, factory mgr.; D. Luedtke, parts service mgr.

Residential, commercial, and industrial heating and cooling units.
Trade Names: Imperial; Panelair; Pacesetter; Spacesaver; Astrogard; Miracool; Econoair.

Pebbco Industries Inc., Penn Boiler Div.
Fruitville Rd., Lancaster, Pa. Phone: EX. 2-4174.
Albert Morrison, Jr., pres.; J. F. Stoll, v. p. & treas.; D. A. Esslinger, sales mgr.; W. A. Frew, secy.; Howard York, adv. mgr.; J. H. Sweigart, pur. agt.; R. R. Givler, chief engr.;
Hydronic heating and cooling units.
Trade Names: Packaged Heat; Air-Rad; Duo-Rad; Quiet May; Econ-O-May.

Peck, Stow & Wilcox Co., The
217 Center St., Southington, Conn.
Phone: MArket 8-9621.
R. J. Ahern, pres. & gen. mgr.; F. L. Ashworth, v. p. & sales mgr.; E. F. Cummings, secy. & asst. treas.
Sheet metal machinery and hand tinners' tools.
Trade Name: Pexto*.

Peerless Corp.
1853 Ludlow Ave., Indianapolis 7, Ind.
Phone: ME. 5-7592.
F. M. Mutz, bd. ch.; H. W. Mutz, pres.; J. W. Barrow, exec. v. p.; O. U. Mutz, v. p.-sales; R. C. Whallon, asst. sales mgr.; W. F. Hummel, adv. mgr.; P. Bernard, pur. agt.; D. H. Williams, dir. of engrg.; B. D. Dollar, air cond. engrg.; R. D. Millspaugh, service mgr.
Heating equipment, forced air and gravity furnaces (electric, oil, gas, coal); air conditioning, all types; heat pumps; pipe, duct, fittings.
Trade Names: Clima-Twin; Clima Pump; Versat-all; Dixie-Aire; Challenger.

Peerless Equipment Corp.
10 Brookdale Pl., Mt. Vernon, N. Y.
Phones: MO. 4-2386; MO. 4-9209.
Commercial refrigeration: normal temp. and low temp.

Peerless Heater Co., Div. of Eastern Foundry Co.
Boyertown, Pa. Phone: FO. 7-2153.
I. J. Scheckter, pres.; R. G. Pinkerton, v. p.-sales; H. B. Aldrich, v. p.-research & engrg.; H. D. Fronheiser, pur. agt.
Boilers: cast iron, hot water and steam; residential: coal, gas, oil; commercial: gas; furnaces: residential—gas, oil.

Peerless Mfg. Div. of Dover Corp.
(See Dover Corp., Peerless Mfg. Div.)

Peerless of America, Inc.
5800 N. Pulaski Rd., Chicago 46, Ill.
Phone: IN. 3-2700.
R. W. Kritzer, pres.; J. M. O'Connor, v. p. & gen. mgr.; M. W. Knight, v. p.-sales & adv.; L. F. Cora, asst. sales mgr.; F. L. Frantz, secy.-treas.; H. W. Johnson, dir. pur.; S. F. Pasternak, chief engr.; F. Otte, supt. mfg.
Finned evaporators and condensers for refrigeration and air conditioning; flash coolers, flash drip pans; pie plate; fin coils and unit coolers; flash plates; evaporator assemblies for hermetic systems; ice cube makers; finned ice cube makers; blower units; commercial refrigeration and air conditioning coils; finned baseboard radiation and packaged water chillers.

Peerless Products Co., Bonair Div.
23rd St. & Sedgley Ave., Philadelphia 32, Pa.
Phone: BAldwin 5-1460.
E. C. Fish, bd. ch.; I. J. Scheckter, pres.; R. G. Pinkerton, exec. v. p.; J. A. Callahan, Jr., v. p.-sales; C. V. McCarty, secy. & gen. mgr.; J. G. Brooks, pur. agt.; H. Ziserman, plant foreman.
Warm air heating furnaces; air conditioners.

Peerless Pump Hydrodynamics Div. FMC Corp.
301 West Ave. 26, Los Angeles 31, Calif.
Phone: CApitol 1-3151.
Factory: Indianapolis.
P. L. Davies, bd. ch.; J. M. Hait, pres.; G. F. Twist, gen. mgr.; E. W. Lundy, sales mgr.; S. M. Riordan, Jr., adv. mgr.; W. I. Nye, pur. agt.; F. Widener, factory mgr.; J. C. Bonsall, export mgr.
End and side suction pumps.
Trade Names: Aqua Line; Fluidyne.

Penco Div., Alan Wood Steel Co.
Oaks, Pa. Phone: GLendale 2-2271.
C. B. Smith, gen. mgr.; W. W. Ogren, sales mgr.; J. T. Root, adv. mgr.
Steel lockers, shelving, cabinets; fabricated metal.

Penn Brass & Copper Co.
3837 W. 20th St., Erie, Pa.
Phone: TEmple 8-1931.
A. R. Roach, pres.; J. R. Noble, mktg. mgr.
Copper and aluminum tubing, aluminum extrusions, hand tools.
Trade Name: PAPCO.

Penn Controls, Inc.
Goshen, Ind. Phone: KEystone 3-2111.
Factories: Syracuse, Ind.; Milwaukee, Watertown, Wis.; Costa Mesa, Calif.; Toronto, Ont., Can.; Amsterdam, The Netherlands; Tokyo, Japan; Buenos Aires, San Antonio De Areco, Argentina.
A. Penn, bd. ch.; R. S. Penn, pres.; H. M. Carnahan, v. p.-sales; G. Myers, v. p.-mfg.; K. W. Cash, mgr. refrig. div.; C. Morgan, adv. mgr.; W. B. Brooks, pur. agt.; G. Russell, chief engr.; O. E. Johnsonbaugh, service mgr.
Air conditioning, heating, and refrigeration controls; controls and valves; switches; oil protection controls.
Trade Names: Temtrol; Rimset; ClickDial; Switchstat.

Penn Meter Co.
4110 Haverford Ave., Philadelphia 4, Pa.
Phone: EV. 6-1001.
W. E. Williams, pres. & sales mgr.; William Melas, v. p. & chief engr.; A. Melas, v. p., secy. & asst. sales mgr.; W. L. Applegate, treas. & prod. mgr.
Flow tubes, venturis, orifices, manometers, electronic flow meters, Btu meters.
Trade Names: LO-Loss; Linameter.

Pennsalt Chemicals Corp.
3 Penn Center, Philadelphia 2, Pa.
Phone: LOcust 4-4700.
Branch Factories: Atlanta; Chicago Heights, Ill.; Calvert City, Ky.; Cornwells Heights, Pa.
W. P. Drake, pres.; James McWhirter, gen. mgr.-indus. chemicals div.; F. A. Lucard, mgr.-Isotron dept.; A. E. Blitz, sales mgr.-refrigerants; Dawes Walter, mgr.-adv. & pub. rel.; R. A. Willson, mgr.-Isotron technical service; Peter Pawlyk, research & devel.
Refrigerants, cleaning solvents, foaming agents.
Trade Names: Isotron*; Handi-Cans*.

Pennsylvania Engineering Co.
1107-21 N. Howard St., Philadelphia 23, Pa.
Phone: MArket 7-3635, 7-3636, 7-3637.
Branch Factory: Upper Darby, Pa.
S. R. Nusbaum, pres.; L. A. Hetzel, sales mgr.
Refrigerant-22; refrigerant cylinders.

Pennsylvania Furnace & Iron Co.
316 Pine St. N., Warren, Pa. Phone: RA. 3-9400.
Helen L. Crary, pres.; C. J. Crary, v. p.; H. R. Lauffenburger, v. p.; R. L. Blodgett, secy.-treas.
Gas fired heating boilers for commercial and residential use. Gas fired gravity and forced air house heating furnaces and gravity conversion burners for residential and industrial use.
Trade Name: Pennco.

Percival Refrigeration & Mfg. Co.
1805 E. Fourth St., Boone, Iowa.
Phone: GE. 2-6501.
C. L. Perkins, gen. mgr.; C. D. Young, sales mgr.; S. Radnich, gen. plant mgr. & pur. agt.
Commercial refrigerators.

Perfection Div., Hupp Corp.
1135 Ivanhoe Rd., Cleveland 10, Ohio.
Phone: ULster 1-6200.
D. N. Gredys, gen. mgr.; C. W. Millsom, v. p., dir. of sales & adv., mfg. & engrg.; P. H. Gauthier, sales mgr.-air cond. & heat pumps; C. O. Slaby, sales mgr.-appliances; J. L. Sands, adv. mgr.; J. S. Zorn, pur. agt.; A. B. MacLaren, dir. of service.
Residential air conditioning, heat pumps, and heat units.
Trade Names: Perfection; Regulaire; Tuckaway; Tri-Pak.

Perfex Corporation
500 W. Oklahoma Ave., Milwaukee 7, Wis.
Phone: SHeridan 4-1000.
I. G. Bohrman, pres.; V. R. Tate, exec. v. p. & secy.; E. H. Panthofer, v. p.; F. E. Andersen, treas.; F. W. Doyle, sales mgr.-indus. prod.; A. A. Bendlin, pur. agt.; W. J. Beyer, dir. engrg.
Heat transfer products.
Trade Name: Conair.

Perlick Co., Inc., The
3110 W. Meinecke Ave., Milwaukee 45, Wis.
Phone: HIlltop 4-5020.
H. R. Perlick, pres.; W. Perlick, v. p. & sales mgr.; G. J. Kannenberg, mgr.-refrig. div. & pur. agt.; R. D. Perlick, asst. sales mgr. & adv. mgr.; G. R. Perlick, service mgr.
Beer dispensers, bottle coolers, reach-in wall cases, walk-in coolers, soft drink dispensers, tap boxes.
Trade Names: Olympian; Dixie; Carbo-Mix; Black Beauty; HI-FLO; Pacemaker.

Perma-Fil Mfg. Co.
3510-14 Barnes Ave., Houston 7, Texas.
Phone: UN. 1-0288.
Branch Factory: Waterloo, Iowa.
Harold Buckler, pres. & engr.; Norman Buckler, v. p. & sales mgr.; Ray Bowles, secy.-treas.; C. E. Murphy, engr. & plant supt.
Air filters; activated carbon.

Permacel
U. S. Hwy. #1, New Brunswick, N. J.
Phone: VIctor 6-0400.
Branch Factory: Decatur, Ill.
T. O. Boucher, bd. ch.; G. A. Fitzgerald, pres.; R. S. Bradford, v. p.; J. S. DeNola, sales mgr.; F. W. Bartle, adv. mgr.; G. W. Radcliffe, pur. agt.; A. J. Pancza, export mgr.
Pressure sensitive tapes; adhesives.

Permatex Co., Inc.
300 Broadway, Huntington Station, L. I., N. Y.
Phone: HA. 1-3800.
Branch Factories: Kansas City, Kan.; Brooklyn.
C. A. Benoit, Jr., pres.; A. W. Lott, exec. v. p.; R. B. Kiersky, v. p.-mkt. develop. (indus.); Mrs. M. N. Nordinger, adv. mgr.; D. C. Adams, sales office mgr.; N. S. Clifton, plants mgr.
Sealing compounds; chemical adhesives, penetrating and lubricating oils, cleaners, pipe joint compounds.
Trade Names: Form-A-Gasket*; Solvo-Rust*; Stick-N-Seal*.

Permatron Corp.
666 E. Kensington Rd., Arlington Heights, Ill.
Phone: CL. 3-0335.
J. B. Blanton, pres.; D. B. Woodworth, v. p.; Clyde Stewart, pur. agt.; Wm. Chisholm, plant mgr.
Lifetime electrostatic air filters, electronic air purifiers.
Trade Name: Arlo.

Permutit Co., The, Div. of Pfaudler Permutit, Inc.
50 West 44th St., New York 36, N. Y.
Phone: OXford 7-6600.
Branch Factory: Lancaster, Pa.
G. N. Proctor, v. p.; J. Yetka, gen. mgr.; A. Pieper, adv. mgr.; F. VonKaas, pur. agt.; S. Lenox, chief engr.; H. L. Bowers, service mgr.; B. B. Sliger, export mgr.
Water conditioning equipment, water softening equipment and resins, waste treatment equipment.
Trade Names: Ranarex; Zeo Karb; Decalso; De-Acidite.

Petersmith Controls, Inc.
350 Victory Ave., South San Francisco, Calif.
Phone: PLaza 5-3042.
R. W. Corey, pres. & chief engr.; R. B. Kimball, v. p. & sales mgr.; R. T. LaPorte, treas. & production mgr.
Electrical motor controls—all kinds; crane controls; dummy electrical load devices.
Trade Name: Modu-Flash.

Petrometer Corp.
43-22 10th St., Long Island City 1, N. Y.
Phone: ST. 4-8042.
A. D. Bierman, pres. & treas.; J. J. Jawett, v. p.; James Wargas, secy.
Liquid level indicators and controls.

Pfanstiehl Laboratories, Inc.
1219 Glen Rock Ave., Waukegan, Ill.
Phone: MA. 3-0370.
A. G. Holstein, pres. & pur. agt.; W. B. Hendrey, v. p. & sales mgr.
Soldering fluxes and sal ammoniac bars, activated carbon.
Trade Name: Speco.

Phelps Dodge Copper Products Corp.
300 Park Ave., New York 22, N. Y.
Phone: PLaza 1-3200.
Branch Factories: Yonkers, N. Y.; South Brunswick, Bayway, N. J.; Fort Wayne, Ind.; Los Angeles.
H. T. Brinton, pres.; E. P. Dunlaevy, exec. v. p.; W. K. Dunbar, Jr., v. p.-sales; P. E. Kluttig, asst. v. p.
Copper and copper alloy tube and pipe; wrought and cast fittings; electric wire and cable; rod and extrusions; magnet wire; solder fittings.

Phifer Wire Products
P. O. Box 9007, Tuscaloosa, Ala.
Phone: PL. 2-5594.
Branch Factory: Covina, Calif.
R. Phifer, managing partner; G. Lawless, gen. mgr.; G. Scruggs, mgr.-filter sales.
Permanent aluminum cut-to-size; frame heating and air conditioning filters.
Trade Names: Clean Air; Air Weave.

Philadelphia Gear Corp.
Schuylkill Exwy., King of Prussia, Pa.
Phone: 265-3000.
Branch Factories: Lynchburg, Va.; Gardena, Calif.
R. C. Ball, Sr., bd. ch.; R. C. Ball, Jr., pres.; S. L. Crawshaw, v. p.; M. C. Donze, v. p.; R. S. Dobbs, v. p.; Wm. Brown, v. p.; H. O. Kron, v. p.
Gearing, speed reducers and increasers, valve controls, couplings, mixing equipment.
Trade Names: Limitorque; Sphereflex; Gearmotor; Motoreducer.

Philco Corp.
Tioga & "C" Sts., Philadelphia 34, Pa.
Phone: NE. 4-5100.
Branch Factory: Connersville, Ind.
J. M. Skinner, Jr., pres.; Henry Bowes, v. p. & gen. mgr.; R. G. Urban, v. p.-mktg.; J. Cherry, v. p.-appl.; J. Black, asst. mdsg. mgr.-air cond.; J. D. Hempleman, pur. agt.; C. R. Quinn, chief engr.-refrig.; L. Bastian, chief engr.-air cond.; H. Tomlin, dir. of service.
Home air conditioners.
Trade Names: Compact; Ionitron; Space-Saver; Super-Power.

Phillips & Co., H. A.
3255 W. Carroll, Chicago 24, Ill.
Phone: NE. 8-1116.
W. Phillips, bd. ch.; W. V. Richards, sales mgr.; A. Thiel, credit mgr.; H. Rosen, contract mgr.; E. Crowley, adv. mgr.; P. Campbel, pur. agt.; G. D. Bansch, factory mgr.; R. R. Ross, export mgr.

Accumulators, injectors, controls and valves.
Trade Name: Level Eye.

Phillips Cooling Tower Co., Inc.
220 Dupont St., Brooklyn 22, N. Y.
Phone: EV. 9-5157.
Cooling towers, spray ponds.

Phillips Drill Co.
U. S. 12 at Liberty Trail, Michigan City, Ind.
Phone: TR. 4-4217.
R. E. Dieterich, pres.; F. A. Werstein, v. p.; S. H. Brann, asst. sales mgr.; N. Gruse, pur. agt.; R. Lobsiger, chief engr.
Self-drilling concrete anchors; electric impact hammers; concrete anchoring accessories.
Trade Name: Red Head*.

Photomation, Inc.
280 Polaris Ave., Mountain View, Calif.
R. W. Heimsoth, pres.; J. M. Wayman, asst. sales mgr.; F. Fortin, chief engr.; H. Muench, factory mgr.
Industrial controls.

Pines Engineering Co., Inc.
601 Walnut St., Aurora, Ill.
Phone: TWinoaks 6-7701.
G. T. Johnson, bd. ch., v. p. & treas.; I. W. Killian, pres. & gen. mgr.; J. E. Hawking, sales mgr.; C. C. Johnson, adv. mgr.; W. J. Carlson, pur. agt.; W. A. Osterland, chief engr.; H. S. Munro, service mgr.
Bending machines; bending presses; end finishing, deburring, and chamfering machines.

Pinnacle Equipment Corp.
203 E. Main St., Fleetwood, Pa.
Phone: WH. 4-3011.
H. H. Becker, pres. & plant mgr.; John Schlegel, v. p.; J. L. Achey, treas. & sales mgr.; J. L. Anderson, service mgr.
Commercial refrigerators.

Piper Industries, Inc.
15930 Common Rd., Roseville, Mich.
Phone: PR. 1-5100.
W. A. Wosik, pres.; E. P. Robinson, v. p.; M. G. Coulter, secy.; D. Wosik, treas. & asst. mgr.
S.A.E. steel fittings, elbows, unions, flare nuts, union; fabricating tube and pipe manifolds; screw machine products.

Pittsburgh Corning Corp.
1 Gateway Center, Pittsburgh 22, Pa.
Phone: COurt 1-2900.
Branch Factories: Port Allegany, Pa.; Sedalia, Mo.
R. Brittingham, pres.; R. E. Buckley, v. p.-sales; K. Baumler, v. p.-mfg.; E. J. Barnell, mgr. cold storage; R. E. Fuhs, mgr. indus. insul.; H. G. Jones, mgr. bldg. insul.; R. E. Rawlins, mgr. glass blocks; J. H. Coleman, adv. & sales prom. mgr.; T. P. Nee, pub. rel. mgr.
Cellular glass insulation; foamed polyurethane insulation; acoustical units; glass blocks and sculptured glass modules.
Trade Names: Foamglas*; Foamthane; Geocoustic*.

Pittsburgh Plate Glass Co.
1 Gateway Center, Pittsburgh 22, Pa.
Phone: AT. 1-5100.
Branch Factories: Shelbyville, Ind.; Shelby, N. C.
R. A. McLaughlin, gen. mgr.; P. D. Kaley, dir. mktg. & sales; A. W. Stevenson, sales mgr.; O. Miller, mktg. mgr.; J. C. Plunkett, adv. mgr.
Thermal and sound insulation; textile and industrial yarns.
Trade Names: Superfine; PPG.

Polar Hardware Mfg. Co.
3822 Lawrence Ave., Chicago 25, Ill.
Phone: IN. 3-5900.
L. J. Blumenthal, pres.; S. S. Blumenthal, exec. v. p.; H. Saul, sales mgr.; G. George, pur. agt.; S. Arthur, chief engr.; I. Nat, factory mgr.
Commercial refrigerators and cold storage hardware.

Porter Co., Inc., H. K., Peerless Electric Div.
1401 W. Market St., Warren, Ohio.
Phone: EXpress 9-3651.
W. A. Curtis, gen. mgr.; W. M. Gelvin, mgr. fans & blowers; F. Bubsey, chief engr., fans & blowers; J. A. Kutz, mgr., motors; E. Roller, chief engr., motors.
Fans, blowers, ventilators, motors, and other air moving equipment.

Postcraft Co.
1220 West Sixth St., Cleveland 13, Ohio.
Phone: TO. 1-2376.
F. H. Roseman, pres.; D. G. Roseman, v. p
Plastic air conditioner covers.
Trade Name: Plasticraft.

Potter & Brumfield, Div. of American Machine & Foundry Co.
Princeton, Ind. Phone: FUlton 5-5251.
Branch Factories: Marion, Franklin, Ky.; Guelph, Ont., Can.
R. M. Brumfield, pres.; Z. R. Smith, exec. v. p.; M. W. Kinkley, v. p.-dir. of prod.; N. Havill, gen. sales mgr.; W. A. Huser, adv. mgr.; C. Schrader, pur. agt.
Electromagnetic relays.

Powers Regulator Co., The
3400 Oakton St., Skokie 78, Ill.
Phone: CO. 7-6300.
H. C. Mueller, pres.; G. E. Fickett, sales mgr.; G. M. Cox, contract sales mgr.; C. A. Gustafson, product mgr.; E. R. Bowman, adv. mgr.
Control systems.
Trade Names: Flowrite; Powerstroke; Limitem.

Precision Heat Exchanger Co., Inc.
15 Harold St., Westwood, N. J.
Phone: NO. 4-4640.
Hugh Eure, pres.; C. Sholtz, Jr., plant mgr.
Tubular heat exchangers, condensers, chillers, and special pressure vessels.

Precision Parts Co.
400 N. First St., Nashville, Tenn.
Phone: AL. 5-8761.
P. V. Harmon, pres.; G. H. Harmon, v. p.; A. H. Harmon, secy.-treas.
Electric hot water and steam boilers.

Precision Tube Co., Inc.
Church Rd. & Wissahickon Ave., North Wales, Pa. Phone: OXbow 9-4806.
N. H. Jack, Jr., pres.; M. F. Balch, Jr., v. p.-sales; G. W. Swint, v. p.-plant operations; Otto Chvoka, pur. agt.
Seamless metal tubing.
Trade Name: Coaxitube.

Precisionaire, Inc.
315 W. Main St., New Albany, Ind.
Phone: WH. 4-1561.
Branch Factories: Atlanta; St. Petersburg, Fla.
R. A. Beck, bd. ch. & sales mgr.; S. V. Conner, pres.
Disposable air filters.

Premco Machine Co.
1815 Guerneville Rd., P.O. Box 508, Santa Rosa, Calif. Phone: LI. 2-2484.
J. C. Bloom, pres. & pur. agt.; J. Turner, adv. & sales mgr.
Commercial refrigeration hardware, safety release latches and hinges.

Prepo Corp.
P.O. Box 152, Edgerton, Wis. Phone: 700.
L. A. Falligant, pres.; G. R. Greenman, sales mgr.; F. W. Kufrin, chief engr.
Torches, brazing, soldering.

Pressed Steel Tank Co.
1402 S. 66th St., Milwaukee 14, Wis.
Phone: GR. 6-0500.
Branch Factory: Downingtown, Pa.
H. E. Brumder, pres.; N. A. Evans, v. p.-sales;

T. V. Montgomery, mktg. mgr.; R. E. Holmes, pur. agt.; M. F. Kroesch, chief engr.; Warren Martin, export sales mgr.
Pressure vessels, pressure vessel shells, refrigeration cylinders.
Trade Name: Hackney.

Presstite Div., American-Marietta Co.
3738 Chouteau Ave., St. Louis 10, Mo.
Phone: MO. 4-6000.
Branch Factories: Jackson, Mich.; Chicago Heights, Ill.; El Segundo, Calif.
C. H. Smith, pres. & gen. mgr.; P. S. Sussenbach, exec. v. p. & dir. of research; J. R. Moore, v. p.-sales; S. W. O'Neal, v. p.-production.
Adhesives, sealants, tube and pipe insulation and sound deadeners.
Trade Names: Permagum*; Wat-R-Bar*; Presst-O-Cel*.

Preway, Inc.
1430 Second St. N., Wisconsin Rapids, Wis.
Phone: 1167.
J. O. Ellis, pres.; H. H. Niemann, v. p.-products; H. T. Anderson, v. p.-sales; J. Claywell, mgr. refrig. div.; H. F. Shea, adv. mgr.; R. T. Polzer, sales prom. mgr.; J. Gruber, pur. agt.; K. S. Jenson, chief engr.; N. Bohmsach, service mgr.; C. H. Babcock, export mgr.
Built-in refrigerator-freezer; mobile home air conditioner.

Primore Sales, Inc.
Box "C", Adrian, Mich. Phone: COlfax 5-6168.
Factory: Attleboro, Mass.
J. H. Parsons, exec. v. p.; R. E. Price, v. p.-sales; S. H. Morse, v. p.-engrg.
Refrigeration and air conditioning shut-off valves.
Trade Names: Rotalock; Break-Away; Swivel.

Pritchard & Co. of California, J. F.
4625 Roanoke Pkwy., Kansas City 12, Mo.
Phone: JE. 1-9500.
Branch Factories: Merced, Calif.; Independence, Mo.
Cooling towers, packaged and field erected.
Trade Name: Keystone LoLine.

Procon Pump & Engineering Co.
12721 Capital Ave., Oak Park 37, Mich.
Phone: LIncoln 7-3780.
Dr. E. J. Hill, pres.; Mrs. E. J. Hill, Sr., v. p.; E. D. Ansteth, secy.-treas.
Rotary vane-type pumps for water, refrigerants, oil, chemicals, and beverages.

Prototype Engineering Corp.
18 Mowry St., Manville, R. I. Phone: PO. 9-3833.
L. J. Valois, pres.; Ruth Valois, secy.
Prototypes of all kinds.

Prox Co., Inc., Frank
1201 So. First St., Terre Haute, Ind.
Phone: CRawford 4341.
R. F. Prox, Jr., pres.; C. R. Goodrich, sales mgr.
Cast iron sectional low pressure heating boilers.

Puffer-Hubbard Refrigerator Co.
Grand Haven, Mich. Phone: 842-2080.
A. J. Johnson, pres. & sales mgr.; R. L. Johnson, v. p. & chief engr.; R. A. Johnson, asst. sales mgr.; Ira Murry, adv. mgr.; J. C. Coffey, service mgr.; S. Haar, export mgr.
Commercial refrigeration equipment.
Trade Name: P-H.

Pulverizing Machinery Co., Div. of American-Marietta Co.
45 Chatham Rd., Summit, N. J.
Phone: CR. 3-6360.
D. O. Noel, pres.; D. C. Bradley, v. p. & gen. mgr.; R. H. Tuthill, asst. gen. mgr.; R. W. Macwhorter, gen sales mgr.; J. Williams, pur. agt.
Pulverizing, dust collecting and air conveying equipment.
Trade Name: Mikro.

Puro Filter Corp. of America
21-01 51st Ave., Long Island City 1, N. Y.
Phone: RA. 9-7900.
A. J. Sloss, bd. ch.; G. B. Becker, pres. & sales mgr.; S. L. Maier, v. p. & asst, sales mgr.; H. J. Kellershon, v. p. & chief engr.; L. Toonkel, adv. mgr.; H. D. Mead, pur. agt.; C. DiFabio, service mgr.
Electric drinking water coolers.

Pyle-National Co., The
1334 N. Kostner Ave., Chicago 51, Ill.
Phone: DIckens 2-6300.
W. C. Croft, pres.; E. M. Nesvig, v. p.-mktg.; R. C. Vilas, v. p.; A. G. Voelkner, v. p.-engrg.; J. M. Johnsen, mgr. air cond. div.; A. L. Berlin, export mgr.
Air diffusers and electrical products.
Trade Names: Multi-Vent; Pylets.

Pyramid Instrument Corp.
Amprobe Instrument Corp.
630 Merrick Rd., Lynbrook, N. Y.
Phone: LY. 3-5600.
S. J. Koch, pres.; M. Schwartz, v. p.-sales; M. Krutman, pur. agt.; A. Fasciano, chief engr.; A. M. Lorenzo, factory mgr.
Ammeters; voltmeters; ohmmeters; cable tracers; recorders.
Trade Names: Amprobe; Remcon.

Pyramid Mouldings, Inc.
5353 W. Armstrong Ave., Chicago 46, Ill.
Phone: ROdney 3-1200.
Branch Factory: Upland, Calif.
I. L. Reed, bd. ch.; W. J. Walkoe, pres.; F. T. Astrella, v. p. & sales mgr.; E. L. Shepherd, adv. mgr.; E. J. Wagner, pur. agt.; B. Whinery, chief engr.; R. D. Armstrong, plant supt.
Mouldings in all metals; rolled, formed, and bent.

Q

Quality Mfg. Co., Inc.
216 E. Grand St., P.O. Box 71, Chilton, Wis.
Phone 517.
W. M. Hayes, pres.; H. L. Lunde, v. p. & factory mgr.; N. J. Lunde, secy.-treas. & sales mgr.
Ice cubers, crushers, drink dispensers.
Trade Name: Norseman.

Queen City Boiler Corp.
4928 Old Pineville Rd., P.O. Box 11251,
Charlotte 9, N. C. Phone: 523-1851.
R. N. Overton, pres.; J. E. Neinast, exec. v. p.; R. C. Propst, Jr., v. p.
Steam Boilers, H.T.W.
Boilers, A.S.M.E. Code Vessels.
Trade Name: QCBC.

Quicfrez, Inc.
105 Oak Pl., Fond du Lac, Wis.
Phone: WAlnut 1-3900.
B. S. Tremlett, pres.; H. B. Miller, secy.-treas.; F. Johnson, mgr.-materials; C. Indermuehle, plant mgr.
Domestic refrigerators and freezers.
Trade Name: Continental.

Quick Industries, Inc.
1680 Cooper St., Jackson, Mich.
Phone: ST. 4-3117.
R. M. Ilfeld, pres.; R. L. Culp, v. p.
Custom extruded plastics; hot dip galvanizing.

Quincy Products Co., Div. of Stubnitz Greene Corp.
Quincy, Mich.
Phone: ME: 9-3715.
J. Neal, div. mgr.; J. S. Furry, chief sales engr.; B. L. Silliven, pur. agt. & office mgr.; J. Brzezinski, chief refrig. engr.; Merl Holst, engr.-products develop.; W. Swan, engr.-tooling & machine design; C. Hayward, plant supt.; J. Daws, chief insp.
Wire and tube static condensers, steel fin on tube condensers, freezer shelves for upright freezers and nonferrous evaporators.

R

R.A.C. Price Reporter Co.
1809 Manhattan Beach Blvd.,
Manhattan Beach, Calif. Phone: FR. 6-3933.
Edwin Coates, publisher.
Pricing services.

R-B-M Controls Div., Essex Wire Corp.
131 Godfrey St., Logansport, Ind. Phone: 6121.
V. A. Hedlund, gen. mgr.; W. T. Hopkins, sales mgr.; J. Kress, adv. mgr.
Magnetic and bi-metal controls, relays, etc.

R. I. Humidifier & Vent Co., Inc.
65 Landsdowne St., Cambridge, Mass.
Phone: TRowbridge 6-4670.
Subsidiary of: Delbrook Eng. Co.
R. K. del'Etoile, pres.; R. D. Stewart, sales mgr.
Evaporative cooling and humidifier systems, electronic humidistats, acid-resistant plastic.
Trade Name: RIHCO.

R-P&C Valve Div. of
American Chain & Cable Co., Inc.
Reading, Pa. Phone: FRanklin 6-2881.
H. Ervin, v. p.-dir. sales; H. L. Cummings, gen. mgr.; F. M. Jackson, sales mgr.; J. V. Gasso, products mgr.; E. V. Creagh, adv. mgr.; L. Snyder, pur. agt.; H. L. Marsh, chief engr.; W. E. Dubocq, export mgr.
Valves: bronze, iron, cast steel, forged steel, bar stock, asbestos packed cocks; pressure seal valves; cast steel fittings.

Radex Corp.
2076 Elston Ave., Chicago 14, Ill.
Phone: AR. 6-6900.
R. R. Cook, pres.
Electrostatic precipitators, negative ionizers, air purifiers.
Trade Names: Dustronic; Lectric-Aire; Smog-Free.

Radiant Baseboard Panels, Inc.
P.O. Box 214, Newington, Conn.
Phone: JA. 2-3231.
F. W. Becher, pres. & treas.; R. H. McKenzie, v. p.; D. W. Erickson, v. p.
Baseboard radiation.
Trade Name: Radiant-Ray.

Raetone Commercial Refrigerator Corp.
Plymouth Meeting, Pa. Phone: TA. 8-5000.
A. Raymond, pres.; J. D. Phelan, v. p.-sales; D. Parry, asst. sales mgr.; R. Raymond, asst. sales mgr.; I. A. Egendorf, adv. mgr.; F. Maurer, pur. agt.; E. Sears, chief engr.; E. Stinson, service mgr.
Commercial reach-in refrigerators and freezers.

Ramset Fastening Systems,
Winchester-Western Div.,
Olin Mathieson Chemical Corp.
289 Winchester Ave., New Haven 4, Conn.
Phone: STate 7-7431.
R. H. Benedict, sales mgr.; H. G. Walesch, field sales mgr.; J. N. Schwaller, adv. mgr.; F. M. Taylor, Jr., mktg. mgr.
Powder actuated fastening tools and accessories, fasteners, powder charges; hammer-in fastening tools and fasteners.
Trade Names: Jobmaster; Flite-Chek Jobmaster; Shure-Set; Tru-Set; Shure-Drive; Skrew-Set.

Ranco Incorporated
601 W. Fifth Ave., Columbus 1, Ohio.
Phone: 294-3511.
Branch Factories: Delaware, Plain City, Ohio.
A. M. Hoover, bd. ch. & pres.; W. R. Opp, v. p.-mfg.; J. Manecke, v. p.-sales; J. E. Kumler, v. p.-research & engrg.; A. S. Katz, personnel dir.; E. E. Smith, dir. of pur.; P. M. Burke, factory mgr.; W. R. Birge, export mgr.
Controls, valves, relays, and sequence controls for refrigeration, air conditioning, heating, home laundry, and automotive.
Trade Name: Rancostat.

Randall Graphite Bearings, Inc.
Greenlawn Ave. & Lake St., Lima, Ohio.
Phone: CA. 3-1075.
E. A. Zimmerman, bd. ch.; W. E. Dickerson, pres.; Ray Chaney, v. p. & dir. sales; K. W. Strunk, v. p. & plant mgr.; W. H. Crossman, treas.; F. O. Burnette, pur. agt.; C. E. Esch, chief engr.
Bronze bearings, bronze bars, cored and solid bronze bushings, graphited bronze bushings, pillow blocks, bearing cartridges, flange units.
Trade Name: Deep Well.

Ranney Refrigerator Co.
E. Congress St., Greenville, Mich.
Phone: PLaza 4-5601.
L. W. Ranney, Jr., dir. sales; G. H. Harbordt, dir. pur.; F. G. Peck, chief engr.; G. F. Ranney, factory mgr.; A. C. Simmons, service mgr.
Refrigeration contract manufacturer.

Rapids Equipment Co., Inc.
220 Sixth St., N.W., Cedar Rapids, Iowa.
Phone: EM. 4-5186.
C. J. Lynch, pres.; H. W. Ribble, exec. v. p.; M. N. Zuidema, sales mgr.; M. Schultz, pur. agt.; D. C. Welbourne, factory mgr.; C. Crane, service mgr.
Walk-in coolers, beverage coolers, draft beer coolers.

Rathbun Co.
P.O.Box 5291, 8300 Millet St., Houston 12, Texas.
Phone: WA. 1-7233.
E. M. Rathbun, pres.; M. Davis, exec. v. p.; D. Rathbun, sales mgr.; H. McKeehan, pur. agt.; E. Davis, factory mgr.
Chemical specialties.
Trade Names: Scalina*; Coatrite*; Racolite; Racotone.

Rawlplug Co., Inc., The
200 Petersville Rd., New Rochelle, N. Y.
Phone: NEw Rochelle 3-6100.
Branch Factory: Chicago.
F. B. Powers, pres.; N. D. Stafford, v. p.; N. C. MacDonald, sales mgr.
Masonry anchors, masonry drills, and self-drilling anchors.
Trade Names: Rawldrills; Rawl Saber-Tooth.

Ray Oil Burner Co.
1301 San Jose Ave., San Francisco 12, Calif.
Phone: DElaware 3-5800.
R. C. Westover, Jr., pres.; J. J. Rudden, v. p.; J. C. Draper, sales mgr.; S. Freber, adv. mgr.; G. Buechsenstein, pur. agt.; R. B. Plass, chief engr.; A. E. Calmels, factory mgr.; B. Williams, service mgr.; J. Wargo, export mgr.
Gas, oil, and combination burners for domestic, commercial, industrial, and marine uses; furnaces, hot water heaters; packaged boilers.

Raybestos-Manhattan, Inc.
61 Willett St., Passaic, N. J.
Phone: GRegory 3-2000.
Abrasive wheels, belts—flat and vee, gaskets—refrigerator door, hose—flexible, rubber parts—molded and extruded, tubing—plastic and rubber, tape, motor mounts, expansion joints—rubber, insulation; adhesives, gaskets and piston rings—compressor, sheaves and vibration eliminating pads and bases.
Trade Names: Condor; Manhattan; R-M; Poly-V; Poly-V-drives.

Raypak Co., Inc.
2416 Chico Ave., El Monte, Calif.
Phone: CUmberland 3-4781.
A. Whittell, Jr., pres.; R. M. Norton, natl. sales mgr.; Paul Bezanson, pur. agt.; M. W. Kaye, chief engr.
Copper tube instantaneous hot water boilers, gas fired; hot water storage tanks; indirect water heaters; water chillers; hot and cold water air handling units.
Trade Names: Unatherm Governor; Tri-Temp; Lifelong.

Reading Tube Co., Div. of Progress Mfg. Co., Inc.
350 Fifth Ave., New York 1, N. Y.
Phone: OXford 5-1500.
Branch Factories: Providence, R. I.; Ontelaunee, Pa.
B. F. Stolinsky, bd. ch. & pres.; J. F. Murray, v. p.-sales; Alvin Stolinsky, v. p.; R. A. Beatty, ind. sales mgr.-Reading Ind. Div.; Morris Wuerpel, sales mgr.-MacKenzie Walton Div.
Copper water tubing, refrigeration and condenser tubing.
Trade Names: Lektroneal; Lektroseal; Readi-Fin.

Ready-Power Co., The
11231 Freud Ave., Detroit 14, Mich.
Phone: VA. 2-1717.
H. D. Gumpper, bd. ch. & pres.; W. S. Jewell, v. p. & sales mgr.; A. E. Marshall, v. p. & gen. mgr.; N. K. Hall, v. p. & mgr. air cond. & refrig. div.; H. J. Craska, pur. agt.; J. Buehler, service mgr.
Natural gas engine driven air conditioning units, 20 to 375 tons.

Recold Corp.
7250 E. Slauson Ave., Los Angeles 22, Calif.
Phone: OV. 5-7900.
Branch Factories: Columbus, Ohio; Durango, Mexico.
H. T. Jarvis, pres.; D. D. Wile, exec. v. p.; E. V. Jarvis, v. p.-finance; C. M. Wilson, v. p.-sales; C. R. Baumhofer, v. p.-mfg.; W. L. Hilton, sales mgr.-refrig.; A. Rebel, export mgr.
Heat transfer equipment; multizone units; unit coolers; coils; condensers; cooling towers; evaporators; fan-coil units; defrost equipment.
Trade Names: Supreme; Delta; Humid-Air; Hide-Away; Deltric; Water Defrost; Vapomatic*; Dri-Fan*; Dricon.

Recony Sales & Engineering Corp.
P.O. Box 476, Richmond, Va. Phone: MI. 8-4413.
Subsidiary of: Old Dominion Iron & Steel.
V. C. Patterson, pres.; P. E. Clark, v. p.; V. H. Berthene, asst. to pres.
Modular insulated panels used in the construction of freezers and coolers.
Trade Name: Reco-Fab.

Rector Insulations
9 W. Prospect Ave., Mt. Vernon, N. Y.
Phone: OW. 9-5755.
H. H. Stern, pres.; H. P. Stern, v. p.; W. Donaldson, sales mgr.; I. Pastarnack, adv. mgr.
Corkboard insulation, cork pipe covering, cork floor tile.

Rector Well Equipment Co., Inc.
2215 Commerce St., Houston 2, Texas.
Phone: CA. 2-6168.
C. L. Cron, div. mgr.
Pipe joint compounds.
Trade Name: Rectorseal*.

Red Jacket Mfg. Co.
1051 S. Rolff, Davenport, Iowa. Phone: 2-3543.
J. E. Richard, pres.; Kirk, Fowler, v. p. & chief engr.; B. M. Determan, adv. mgr.; Geo. White, pur. agt.
Complete lines domestic water systems; water softeners and conditioners; centrifugal pumps for air conditioning.
Trade Names: Submerge*; Trailblazer; Pathfinder.

Redmond Co., Inc.
201 Monroe St., Owosso, Mich.
Phone: SAratoga 5-5151.
Branch Factories: Ithaca, Mich.; Jacksonville, Ark.
J. W. Tweedy, pres.; G. L. Baumhardt, v. p. & dir. pur.; M. J. Koenig, dir. sales; T. Stone, dir. engrg.
AC and DC fractional horsepower motors and blowers.
Trade Names: Triflux*; UniCast; EconoWatt; MonoMotor; Micromotor.

Reflectal Corp.
200 S. Michigan Ave., Chicago 4, Ill.
Phone: WAbash 2-7700.
Subsidiary of: Borg-Warner Corp.
Branch Factory: Hudson Falls, N. Y.
J. H. Ingersoll, pres.; H. A. Schmeal, exec. v. p. & gen. mgr.; G. L. Smith, gen. sales mgr.; C. W. Foster, chief engr.; G. A. Brooks, factory mgr.
Reflective foil insulation, solar sunscreen.
Trade Names: Alfol; Koolshade.

Refrigerating Specialties Co.
3004 West Lexington St., Chicago 12, Ill.
Phone: VAn Buren 6-3265.
C. C. Hansen, III, pres.; A. D. Leapley, prod. sales mgr.; R. L. Bailey, prod. sales mgr.; A. Campione, pur. agt.; F. J. Hunka, factory mgr.; C. Hergenrother, asst. secy.
Refrigeration control valves.
Trade Name: R/S Controls.

Refrigeration Appliances, Inc.
923 W. Lake St., Chicago 7, Ill.
Phone: MO. 6-1141.
E. Niederer, bd. ch. & pres.; D. H. Niederer, exec. v. p.; F. A. Klaas, v. p. & sales mgr.; E. H. Niederer, Jr., v. p.-chg. production; O. Scherr, Jr., pur. agt.; J. R. Zwickl, chief engr.; W. H. Strutz, asst. chief engr.; Ed Erl, chief draftsman; J. W. Erkman, factory mgr.; J. Zver, serv. mgr.
Coils; condensers; cooling towers; defrosting equipment; evaporators; fan-coil units.
Trade Name: Krack*.

Refrigeration Research, Inc.
525 N. Fifth St., Brighton, Mich.
Phone: AC. 7-1151.
Branch Factory: Gregory, Mich.
E. W. Bottum, pres. & sales mgr.; H. Wietzke, pur. agt.; F. Rockwell, chief engr.; C. A. Powers, factory mgr.-Brighton; J. Sobieski, factory mgr.-Gregory.
Receivers; accumulator-driers; accumulators; strainers; manifolds; driers; surge tanks; mufflers; heat exchangers; suction accumulators; capillary strainer assemblies; capillary strainer-drier assemblies.
Trade Name: Bull Dog.

Reiner & Campbell Co., Inc.
19 Euclid Ave. at Lockwood St., Newark 5, N. J.
Phone: MA. 3-5307.
H. K. Reiner, pres.; Luise Reiner, v. p.; Edith W. Ilsley, secy.
Sheet metal tools and soldering equipment.
Trade Names: Quick-Set; Duplex.

Reitman Mfg. Co.
10319 Pearmain St., Oakland 3, Calif.
Phone: NE. 8-8977.
A. Reitman, pres.
Automatic float valves.
Trade Name: Reito.

Reliance Electric & Engineering Co.
24701 Euclid Ave., Cleveland 17, Ohio.
Phone: REdwood 2-7000.
Branch Factories: Euclid, Ashtabula, Dayton, Ohio; Columbus, Ind.; Welland, Stratford, Ont., Can.
E. E. Helm, pres.; R. A. Geuder, v. p.-mktg.; W. R. Hough, W. H. Haber, H. D. Luke, v. p.-operations group; M. K. Seiber, AC products mgr.; E. C. Barnes, chief engr.
Electric motors, generators, variable-speed drives.
Trade Names: Duty-Master; V-S Drives; Super "T."

Reliance Refrigerating Machine Co., Inc.
3401 N. Kedzie Ave., Chicago 18, Ill.
Phone: IN. 3-4000-1-2.
M. T. Buelow, pres. & acting sales mgr.; H. H. Buelow, v. p.; H. W. Field, v. p.-prod.; W. F. Sims, mgr. refrig. div.; E. F. Gradolph, adv. mgr.; N. H. Buelow, pur. agt.; H. B. Coesfeldt, chief engr.; S. E. Jensen, factory mgr.; F. K. Wesolowski, service mgr.
Ammonia and freon compressors, condensers and self-contained condensing units.

Reliance Time Controls, Inc.
1927 Mead St., Racine, Wis.
Phone: MElrose 2-6171.
D. F. Flegel, pres. & gen.mgr.
Time switches; interval timers.
Trade Names: Badger; Robotrol.

Remcor Products Co.
321 E. Grand Ave., Chicago 11, Ill.
Phone: WHitehall 4-0223.
A. G. Weil, pres.; W. M. Prack, v. p.; W. A. Zeuschner, factory supt.
Water coolers, liquid chillers, low temperature systems, ice makers, photographic and X-ray cooling units.

Remington Air Conditioning, Div. of Remington Corp.
Willey St., Auburn, N. Y. Phone: AL. 3-7371.
H. L. Laube, pres.; E. M. Johnson, v. p.-sales; H. F. Field, v. p.-prod.; G. C. Paddock, pur. agt.; C. L. Tucker, chief engr.; V. A. Lopez, service mgr.; Carlos Dominguez, export mgr.
Room air conditioners: window, "wall-way," and water-cooled; incremental conditioners—combined heating and cooling; industrial and residential dehumidifiers.
Trade Names: Consolaire; Incremental.

Rempe Co.
340 N. Sacramento Blvd., Chicago 12, Ill.
Phone: KE. 3-0483.
A. G. Vogel, gen. mgr.
Pipe coils and fin coils.

Repco, Inc.
840 Fifth Ave., Brooklyn 32, N. Y.
Phone: SOuth 8-1550.
A. Biegelson, pres.; W. Brockman, v. p.; F. Cohen, secy.-treas.
Air filters.
Trade Name: Amer-Glas.

Republic Air Conditioning Co., Div. of Republic-Transcon Industries, Inc.
3305 Manor Way, Dallas 35, Texas.
Phone: FL. 2-4814.
R. B. Starnes, pres.; E. H. Schwartz, v. p.-engrg.; Harold McDonald, v. p.-mfg.; Claude Birdsell, sales mgr.; Wilbur Wright, comp.; Warren Alkire, pur. agt.
Air conditioning and heat pumps; residential and commercial systems; room units, cooling and heating.
Trade Name: Mathes.

Republic Flow Meters Co.
2240 Diversey Pkwy., Chicago 47, Ill.
Phone: BR. 8-6000.
Subsidiary of: Rockwell Mfg. Co.
W. F. Crawford, pres.; A. C. Daugherty, v. p.; T. E. Bell, sales mgr.
Instruments; control systems; valves.
Trade Name: Refloco.

Republic Molding Corp.
6465 N. Avondale, Chicago 31, Ill.
Phone: NE. 1-4311.
Branch Factory: Des Plaines, Ill.
B. W. Coltman, Sr., pres.; B. W. Coltman, Jr., v. p.; R. Klebbe, gen. mgr.
Freezer packaging supplies; food containers.
Trade Name: Freezettes*.

Republic Steel Corp.
Republic Bldg., Cleveland 1, Ohio.
Phone: PRospect 1-1400.
T. F. Patton, pres.; E. R. Johnson, asst. pres. & 1st v. p.; N. W. Foy, v. p.-sales; H. L. Allen, v. p.-operations; H. H. Oldham, dir. adv.; L. I. Underwood, gen. export mgr.
Plastic, steel, galvanized pipe; sheet metal; tubing; bearing metal.
Trade Names: Electrunite; Enduro.

Research-Cottrell, Inc.
P.O. Box 750, Bound Brook, N. J.
Phone: EL. 6-2600.
J. P. Kneubuhl, pres.; L. M. Roberts, sr. v. p.; W. W. Moore, v. p.-sales; P. F. Eilenberger, v. p.-field services; G. C. Ford, finance & corp. planning; E. G. Lassen, adv. supr.; C. W. Byerly, pur. agt.
Industrial gas cleaning equipment (electrical precipitators; mechanical dust collectors; custom electrostatic air cleaners; gas scrubbers) and high voltage DC power supplies, transformers and control systems.
Trade Names: Cyclo-trell*; Flooded Disc Scrubbers.

Research Products Corp.
1015 E. Washington Ave., Madison 1, Wis.
Phone: ALpine 6-0621.
R. E. Onstad, pres.; E. B. Schlatter, exec. v. p.; A. W. Brown, v. p.-sales; C. B.Rowe, v. p.-engrg.; Harry Elwell, v. p.-prod.; J. G. Schutz, gen. sales mgr.
Filters, humidifiers, adhesives.
Trade Names: E Z Kleen*; Aprilaire*; Coolpad*.

Resistoflex Corp.
Roseland, N. J. Phone: CApital 6-7700.
Branch Factories: Anaheim, Calif.; Dallas.
E. S. Peierls, pres.; J. M. Gentile, exec. v. p.; H. E. Krebs, Sr., v. p.; I. D. Press, v. p.-engrg.; H. H. Wulff, sales mgr.; E. A. Damon, adv. mgr.; R. Atkins, pur. agt.; R. T. Dale, factory mgr.; R. Rame, service mgr.
Flexible hose; plastics; pipe; vibration absorbers.
Trade Name: Fluoroflex-T.

Revco, Inc.
Deerfield, Mich. Phone: 160.
H. D. White, pres.; J. H. Overmyer, v. p.-mktg.; R. W. Willey, v. p.-mfg.; E. J. VonArb, v. p.-engrg.; E. J. Burnett, mgr. heat pump div.; R. W. Stutzman, sales mgr.; H. C. Beresford, mktg. mgr.; J. R. Jenkins, adv. mgr.; R. B. Camburn, pur. agt.; J. E. Unger, service mgr.; L. C. Downing, traffic mgr.
Built-in refrigerators and freezers; chest and upright freezers; sub-zero industrial equipment; heat pumps.
Trade Names: Bilt-In; Ultra Low; Reversamatic.

Revcor, Inc.
251 Edwards St., Carpentersville, Ill.
Phone: HAzel 6-4818.
J. F. Kochevar, bd. ch.; J. H. Reichwein, pres.; C. O. Wilson, sales mgr.
Blower wheels, blower wheel housings, inlet rings, fan blades.
Trade Name: Blastaire.

Revere Copper & Brass, Inc.
230 Park Ave., New York 17, N. Y.
Phone: YUkon 6-3100.
J. M. Kennedy, bd. ch.; J. H. Eikenberg, pres.; F. C. Hyde, Jr., sales mgr.; R. K. Snively, adv. mgr.; W. T. Bertier, chief engr.
Moldings, pipe, sheet metal, tubing, welding rods, forgings, and stampings.
Trade Names: Dryseal*; Tube-in-strip; Revalon*; Herculoy*.

Reynolds Electric Co.
3000 River Rd., River Grove, Ill.
Phone: GL. 3-0324.
W. O. Laib, pres.; G. F. Andrews, v. p.
Fans, motors.
Trade Names: Reco; Radi-Aire.

Reynolds Metals Co.
Richmond, Va. Phone: ATlantic 2-2311.
W. T. Ingram; K. Hall; V. Krause.
Aluminum tubing, evaporators, aluminum components.
Trade Name: Tube Sheet.

Reznor Mfg. Co.
Mercer, Pa. Phone: 650.
D. R. Webster, pres. & gen. mgr.; M. G. Endres, v. p. & asst. gen. mgr.; W. C. Schodlatz, v. p.; G. W. Reznor, v. p.-engrg.; R. A. Narlee, sales mgr.; R. Z. Galbreath, adv. mgr.
Gas fired heaters.

Rheem Mfg. Co.
7600 S. Kedzie Ave., Chicago 52, Ill.
Phone: HE. 4-7500.
A. L. Walker, pres.; C. V. Coons, exec. v. p.; V. J. Heinis, pres., home products group; E. F. Paquette, exec. v. p., home products group; R. J. Pierson, Jr., v. p.-mktg.; J. B. Meyer, air cond. prod. mgr.; L. F. Nordgren, adv. mgr.; C. E. Eifert, div. pur. agt.; J. V. Garnett, mgr. air cond. engrg.; A. W. Virtanen operations mgr.; M. Fisher, production mgr.
Residential, commercial, industrial heating and air conditioning equipment.
Trade Names: Rheemaire; Corsaire; Rheemglas.

Rhodes, Inc., M. H.
30 Bartholomew Ave., Hartford 6, Conn.
Phone: JA. 2-4265.
M. H. Rhodes, Jr., pres.; E. H. Rhodes, v. p.; E. J. Doyle, sales mgr.; C. B. Hayes, adv. mgr.; E. M. Sanderson, pur. agt.
Time switches.
Trade Name: Mark-Time.

Ric-Wil, Inc.
24 Brown St., Barberton, Ohio.
Phone: 753-8415.
Branch Factories: Alexandria, Va.; Chicago; Newark, Calif.
R. D. Ashman, Jr., pres.; C. G. Van Schoor, marketing mgr.; E. S. Pandy, sales mgr.; J. L. Martin, chief eng.
Prefabricated insulated piping systems and plastic-clad overhead pipe.
Trade Name: Imperial.

Rich Fan Mfg. Co., Inc., Phil
6040 Telephone Rd., Houston 17, Texas.
Phone: OL. 4-4301.
Philip Rich, bd. ch.; H. M. Rich, pres.; Bertha Rich., secy.-treas.; E. M. Kay, sales mgr.; C. Bluffin, prod.
Fans, all types; fan shutters and accessories.
Trade Name: Windmaker.

Richco Plastic Co.
3722 W. North Ave., Chicago 47, Ill.
Phone: BElmont 5-2646.
C. R. Richardson, pres.; C. Richardson, v. p.
Ethyl cellulose and nylon cable clamps; wire ties.
Trade Name: E-Z Wire Ties.

Ridge Tool Co., The
400 Clark St., Elyria, Ohio.
Phone: FAirfax 2-4651.
J. A. Frates, pres.; W. L. Parcell, exec. v. p.; R. D. Fye, sales mgr.; H. L. Palmer, adv. mgr.; D. Maddock, pur. agt.; H. W. Weibel, plant mgr.; E. M. Huffman, export mgr.
Pipe and tubing tools, power drives, pipe and bolt threading machines, flaring tools, conduit benders, lever-type tubing benders, taps.
Trade Names: Ridgid; Longrip.

Rigidbilt, Inc.
9240 W. Belmont, Franklin Park, Ill.
Phone: NAtional 5-7876; GLadstone 1-0444.
W. W. Bradfield, pres.; R. W. Lamprecht, gen. mgr.; Mrs. N. B. Lovell, secy.-treas.; H. F. Krantz, chief engr.
Air conditioning and refrigeration low sides, also blast heating surfaces.

Riley Stoker Corp.
9 Neponset St., Worcester 6, Mass.
Phone: PL 6-7111.
Branch Factories: Detroit; Decatur, Ill.; Cornwells Heights, Erie, Pa.
R. K. Griffith, pres. & treas.; R. J. Krieger, v. p.-sales; M. H. Kuhner, v. p.-engrg.; C. A. Remington, pur. agt.
Steam generating and fuel burning equipment.

Ritter Metal Corp.
101-18 101st Ave., Ozone Park 16, L. I., N. Y.
Phone: HI. 1-0202.
Raymond Ritter, pres.; Melvin Ritter, sales & prod. mgr.
Air conditioner window installation kits.
Trade Names: Free & Easy; Jiffy "60" Slider; Top Mounts.

Ritter Pattern & Casting Co., Inc.
120 Walker St., New York 13, N. Y.
Phone: CAnal 6-2323.
M. E. Ritter, pres.; Melvin Berger, sales & adv. mgr.
Floor and ceiling plates, escutcheons and castings.

Rittling Corp., The
Rittling Sq., Hamburg, N. Y. Phone: NH. 9-4900.
C. P. Rittling, bd. ch. & pres.; J. B. Rittling, exec. v. p. & treas.; R. W. Ritting, secy.; G. McCarthy, sales mgr.; D. F. Moran, pur. agt.; R. J. Carter, chief engr.; K. King, project engr.; R. Polasik, prod. mgr.; L. Skoura, service mgr.
Classroom unit ventilators, finned tube radiation, baseboard radiation, convectors, dampers, unit heaters.
Trade Names: Schoolmaster; Silvector.

Riverside Electrical Mfg. Co.
10221 Michigan Ave., Dearborn, Mich.
Phone: TI 6-6800.
Branch Factories: Marion, Mich.; Swanton, Ohio.
H. N. Brodsky, bd. ch.; A. W. Roach, pres.; E. H. Dill, v. p.; C. L. Brattin, treas. & controller; W. Temple, asst. gen. mgr.; A. Olsen, pur. agt.; W Bell, chief engr.; J. Mihalik, W. Shepherd, plant mgrs.
Waterproof toggle switches and relays, defroster elements, electrical supplies, wiring harnesses, cord sets, vinyl and rubber molding.

Robbins & Myers, Inc.
1345 Lagonda Ave., Springfield, Ohio.
Phone: FAirfax 3-6461.
Branch Factories: Memphis; Pico Rivers, Calif.; Brantford, Ont., Can.
A. W. McGregor, pres.; W. J. Helmer, exec. v. p.; J. H. Karr, v. p.; M. L. Aitken, gen. sales mgr.; R. G. Arlt, mgr.-small motors & motor parts; J. A. Zimmerman, sales mgr., fractional & integral hp motors; R. A. Metz, sales mgr., hoist & crane div.; E. J. Stone, sales mgr., Propellair Div.; F. H. Grim, sales mgr., Moyno Pump Div.
Motors, pumps, hoists, cranes, industrial fans.
Trade Names: R & M*; Propellair*; Moyno*; All-Weather*.

Robert Mfg. Co.
9035 Venice Blvd., Los Angeles 34, Calif.
Phone: UP. 0-3781.
Clark Hartwell, pres. Robert Hartwell, v. p. & gen. mgr.; L. R. Poe, v. p.-sales & engrg.; Charles Cudney, product mgr.
Float valves, assemblies, pipe and tube fittings.
Trade Names: Bob; Bobby.

Roberts-Gordon Appliance Corp.
44 Central Ave., Buffalo 6, N. Y.
Phone: TX. 2-8400.
Branch Factory: Grimsby, Ont., Can.
R. I. Warnecke, exec. v. p.; H. K. Straw, v. p.-sales; W. L. Wright, Sr., asst. gen. sales mgr.; R. Wujek, pur. agt.; R. Huyck, dir. research & development; J. Ulman, factory mgr.
Gas space heaters, infrared sealed combustion gas heaters, boilers, furnaces, conversion burners, industrial burners, unit heaters, remote and self-contained air conditioning.
Trade Names: Gordonair; Petite; Spreader-Flame; Co-Ray-Vac*.

Roberts Tube, Div. of Prestyle Mfg. Co.
6100 Ranspach, Detroit 9, Mich.
Phone: TA. 6-7501.
Harry Docks, pres.; Paul Stocky, exec. v. p.; D. V. Brondyke, v. p. & gen. mgr.; J. Kapanowski, plant mgr.; T. Ulko, prod. supt.; R. Morehouse, traffic mgr.
Seamless copper tubing.

Robertshaw-Fulton Controls Co.
Fulton Syiphon Div.
P.O. Box 400, Knoxville 1, Tenn. Phone: 4-1641.
W. D. Miller, v. p.; G. L. Ogdin, gen. sales mgr.; L. S. Dysart, sales mgr.; G. E. McKinney, adv. mgr.; F. Coker, pur. agt.; L. M. Puster, chief

engr.; S. W. Steel, factory mgr.
Temperature, pressure and level controls; control valves; packless expansion joints; pressure gauges; metal bellows.
Trade Names: Sylphon; Acragage.

Robertshaw-Fulton Controls Co., Indiana Div.
Indiana, Pa. Phone: HOpkins 5-3501.
T. T. Arden, pres.; H. F. Hild, gen. mgr.; J. C. Mevius, sales mgr.; J. E. Whetsel, pur. agt.; Siegfried Manecke, chief engr.; George Crock, works mgr.
Thermostatic controls.

Robinair Mfg. Corp.
1224 South East Ave., Montpelier, Ohio.
Phone: 485-3106.
Subsidiary of: Kent-Moore Org., Inc.
J. D. Adair, pres.; T. F. Walker, exec. v. p.; H. A. Tubbs, gen. mgr.; R. W. Bishop, gen. sales mgr.
Appliance service tools, test instruments and equipment.
Trade Names: Dial-A-Charge; Robbi-Tools.

Rochester Products Div., General Motors Corp.
1000 Lexington Ave., Rochester, N. Y.
Phone: CLearwater 4-5050.
W. E. Wilson, gen. mgr.; R. F. Sanders, dir. engrg. & sales; K. F. Lingg, sales mgr.; J. P. Nally, adv. mgr.; S. W. Aman, pur. agt.; A. F. Braun, chief engr.; G. H. Eastman, refrig. sales engr.; W. J. Sullivan, refrig. sales engr.; C. H. Habecker, refrig. product engr.
Steel tubing—bulk and fabricated condenser serpentines.

Rock Island Register Co.
2435 Fifth Ave., Rock Island, Ill.
Phone: 788-5611.
J. J. Burgess, pres.; E. M. Burgess, v. p.; G. W. Burgess, secy.
Registers and grilles for heating and cooling.
Trade Names: Air-Vane; Benda-Vane; Out-O-Wall.

Rockwell-Standard Corp., Stamping Div.
1018 Oswego St., Utica 1, N. Y.
Phone: SW. 7-1600.
F. J. Griffiths, gen. mgr.; J. A. Leake, sales mgr.; M. W. Laramie, pur. agt.; G. E. Fauth, chief engr.; F. R. Smith, factory mgr.
Stampings; deep drawn compressor housings and covers; bases, for compressor mounting; bubble caps; evaporator plates.
Trade Names: Mod-U-Lok; Weidemann Work.

Rockwood Pulley Mfg. Co., Inc.
20 Crosby St., New York 13, N. Y.
Phone: CA. 6-7764.
V-Belts; pulleys.

Roessing Mfg. Co.
1616 Noble St., Sharpsburg, Pittsburgh 15, Pa.
Phone: ST. 1-0116.
Pipe coils, pipe bends, fabricating piping.

Roll-Or-Karl Co.
Zumbrota, Minn. Phone: RE. 2-5215.
A. M. Sohn and O. C. Sohn, partners.
Dual appliance trucks.

Rolled Steel Corp.
3250 Touhy Ave., Skokie, Ill. Phone: OR. 3-7400.
Branch Factory: Houston, Texas.
I. D. Harris, bd. ch.; S. Waldman, pres.; S. J. Schoen, exec. v. p.; S. P. Sanders, v. p.-sales; R. C. Herdrich, v. p.-pur.; R. Platt, v. p.-mktg.; L. G. Worthington, v. p.-sales prom.; Irvin DeMares, warehouse supt.
Steel warehouse—galvanized, galvannealed, hot rolled, cold rolled, hot rolled pickled and oiled, stainless steel.
Trade Name: Rosco.

Rome-Turney Radiator Co.
109 Canal St., Rome, N. Y. Phone: FF. 6-2200.
Branch Factory: Clark Mills, N. Y.
W. L. Lynch, pres. & treas.; W. L. Lynch, Jr., v. p.; J. J. Boylan, secy.
Finned tubes and coils; heat transfer surface.
Trade Name: Ro-Fin.

Ronningen-Petter Co.
2700 South 27th St., Vicksburg, Mich.
Phone: MI. 9-5911.
H. A. Ronningen, pres. & gen. mgr.; W. J. Petter, sales mgr.; R. M. Ronningen, factory mgr.
Fluid filters; quick coupling, non-short circuiting bronze, stainless steel or steel.

Room-Temp Lockers, Inc.
901 Alexander Ave., Tacoma, Wash.
Phone: FUlton 3-2731.
Branch Factory: Nampa, Idaho.
W. M. Smith, pres.; M. M. Smith, exec. v. p.; J. B. Chapman, v. p.-sales; W. F. Meinert, engr. & factory mgr.
Display upright freezers, reach-ins, walk-ins, insert display doors, locker plants, wine cellars.
Trade Name: Cold Cache.

Ross-Temp, Inc.
1805 So. 55th Ave., Chicago 50, Ill.
Phone: OLympic 6-3100.
L. J. Schneider, pres.; Warren Wheary, v. p.; J. H. Seippel, gen. sales mgr.
Flaked ice machines.

Rotary Seal Div., Muskegon Piston Ring Co.
Gardner St., Sparta, Mich. Phone: TU. 7-0351.
Branch Factory: Chicago.
G. W. Lundeen, pres.; G. R. Targett, exec. v. p.; R. J. Hicks, mgr. sales & engrg.; C. C. Jahrling, pur. agt.; L. N. Dolhun, dir. prod. dev.
Rotary seals; valve plates; castings; piston rings.

Roth Co., Roy E., Turbine Pump Div.
Rock Island, Ill. Phone: 787-1791.
P. M. Roth, v. p.; Ed. M. Cahill, sales mgr.
Pumps.

Rotometals
980 Harrison St., San Francisco 7, Calif.
Phone: EXbrook 2-3285.
R. N. Jacobson; Eugene Jacobson.
Bearing metals; solder; zinc; flux; galvanizing repair stick.
Trade Names: Cor-In; ReGalv; Rotanium; Roto-Diesel; RotoNickel; RotoMet.

Rotron Mfg. Co., Inc.
Hasbrouck Lane, Woodstock, N. Y.
Phone: ORiole 9-2401.
J. C. van Rijn, pres.; H. E. Landis, Jr., v. p. & treas.; P. M. Beard, dir. of sales; J. J. McGowan, adv. mgr.; A. J. Gibson, Jr., pur. agt.; R. M. Flanagan, chief engr.; C. E. Raible, plant mgr.
Fans, blowers, and related items for electronic cooling applications.
Trade Names: Aximax; Propimax; Altivar; Saucer; Muffin.

Round Oak Div. of Peerless Corp.
Dowagiac, Mich. Phone: ST. 2-5154.
F. M. Mutz, bd. ch.; H. W. Mutz, pres.; J. W. Barrow, exec. v. p.; O. U. Mutz, v. p.-sales; D. H. Williams, dir.-engrg.; R. C. Whallon, asst. sales mgr.; W. F. Hummel, adv. mgr.; P. Bernard, pur. agt.; B. D. Dollar, air cond. engr.; C. Reichelderfer, heating engr.; R. D. Millspaugh, service mgr.
Heating equipment, forced air and gravity furnace, oil, gas, electric, and coal; air conditioning and heat pumps; pipe, duct, fittings.
Trade Names: Clima Twin; Clima Pump; Versat-all; Redstone; Rocket.

Royal Humidifier Co.
211 Dewey Ave., Royal Oak, Mich.
Phone: LI. 3-8603.
Robert J. Sevald, pres.
Humidifiers for forced air furnaces.
Trade Name: Moist-Aire.

Royco Instruments, Inc.
440 Olive St., Palo Alto, Calif.
Phone: DA. 6-1831.
Harry Fondiller, gen. mgr.; Wm. Zinky, prod. mgr.
Clean room instrumentation, temperature measuring instruments, particle counters.
Trade Names: Thermi-tem; Pyrocouple.

Rubatex, Div. of Great American Industries, Inc.
Bedford, Va. Phone: JUstice 6-2611.
W. S. Mack, bd. ch.; C. F. O'Brien, pres.; J. G. Groendyk, v. p. & gen. mgr.; W. C. Walters, asst. gen. mgr.; C. O. Mitchell, chief engr.; C. L. Mitchell, plant mgr.
Gaskets; insulation; tubing; fabricated and extruded parts.

Rubber & Asbestos Corp.
225 Belleville Ave., Bloomfield, N. J.
Phones: PL. 8-1300; New York, CO. 7-8152.
B. E. Sugerman, pres.; W. A. Angus, Jr., v. p.-sales; E. H. Greene, secy.-treas.; B. Gould, mgr., mkt. develop.; T. T. Fay, pur. agt.; W. P. Tschudy, mgr. mfg.
Industrial adhesives.
Trade Names: Bondmaster*; Plymaster*; Tackmaster*.

Rudd-Melikian, Inc.
300 Jacksonville Rd., Hatboro, Pa.
Phone: OSborne 5-4200.
K. C. Melikian, bd. ch.; L. K. Rudd, pres.; W. J. Manning, Jr., v. p.-mktg.; G. Schollhamer, v. p.-prod.; P. J. Kelly, pur. agt.; W. Murphy, chief engr.
Automatic merchandising machines for food-beverages.
Trade Names: Kwik Kafe*; Old Mill*.

Rudy Mfg. Co.
415 E. Prairie Ronde St., Dowagiac, Mich.
Phone: STate 2-2141.
S. B. Tremble, pres.; W. A. Collins, v. p.; H. R. Harrison, sales mgr.; S. Lewandowski, pur. agt.; R. Peterson, chief engr.-refrig.; J. Sweedyk, chief engr.-air cond.
Condensers and evaporators for the refrigeration and air conditioning industry.
Trade Name: Conducto.

Ruggles Klingemann Mfg. Co.
Salem, Mass. Phone: PIoneer 4-3000.
C. W. Avery, pres.; R. P. Locke, v. p.-engrg.; A. L. Tobin, treas.
Valves.
Trade Name: R-K.

Rupprightt's Rotary Roof Cooler
P.O. Box 43555, Los Angeles 43, Calif.
Phone: PL. 9-5463.
Siegfried Rupprightt, owner.
Rotary roof cooler.

Russell Coil Co.
8403 S. Allport Ave., Santa Fe Springs, Calif.
Phone: RAymond 3-4519.
L. V. Russell, pres. & treas.; H. A. Seese, v. p. & sales mgr.; M. E. Russell, secy.
Refrigeration and air conditioning evaporators and air-cooled condensers; propeller fans.

Russell Gasket Co.
7424 Bessemer Ave., Cleveland 27, Ohio.
Phone: 883-5000.
Branch Factory: Buffalo.
R. S. Stone, pres.; R. J. Samoly, gen. mgr.; R. T. McClive, gen. mgr.-Buffalo plant; R. V. Freebairn, sales mgr.; Dale Sherman, adv. mgr.
Fabricated and die-cut non-metallic, soft goods component parts; gaskets, seals, washers, diaphragms, shims.

Rust-Oleum Corp.
2425 Oakton St., Evanston, Ill.
Phone: BR. 3-3202.
R. A. Fergusson, pres. & sales mgr.; D. W. Fergusson, v. p.; A. F. Kirkland, secy.; C. Peterson, dir. pur.; V. W. Ginsler, tech. dir.
Rust preventive products.
Trade Names: Galvinoleum; Clear-Sele; Surfa-Sele; Surfa-Etch.

Ruthman Machinery Co.
1809-27 Reading Rd., Cincinnati 2, Ohio.
Phone: MAin 1-5462.
E. J. Ruthman, pres.; A. H. Ruthman, v. p. & treas.
Pumps and agitators.
Trade Names: Gusher*; Rumaco*.

Rybolt Heater Co., The
615 Miller St., Ashland, Ohio. Phone: 4-1596.
T. M. Rybolt, bd. ch.; C. J. Stewart, pres.; C. E. Rybolt, Jr., v. p.; Homer Beck, pur. agt.; W. R. Stiles, chief engr.; Cecil Patrick, plant mgr.
Residential cooling, heating, and year-round units; electronic air filters, and electric heating equipment.
Trade Name: Whisper Quiet.

Ryerson & Son, Inc., Joseph T.
P.O. Box 8000-A, Chicago 80, Ill.
Phone: ROckwell 2-2121.
C. L. Hardy, pres.; T. Z. Hayward, sr. v. p.; W. E. Falberg, v. p.-sales; J. M. Mead, v. p.-procurement; M. A. Miller, v. p. & treas.; R. N. Carlen, v. p.-operating; T. G. Miller, secy.
Steel, aluminum, industrial plastics, and metal-working machinery.

S

S & M Schwartz Co., Div. of Straus Duparquet
4000 Park Ave., Bronx, N. Y.
Phone: LU. 3-8100.
M. I. Schwartz, pres.; Harry Colter, exec. v. p.; Mark Golding, v. p.-mfg.; L. M. Rivlin, compt.; Robert Mindlin, refrigeration mgr.
Insulated walk-in cooler, supermarket fixtures.

S & R Soda Fountain Mfg. Co., Inc.
550 Trinity Ave., New York 55, N. Y.
Phone: WY. 3-0123.
Bernard Roberts, pres.; Edward Butkera, mgr.
Food service equipment and custom stainless steel cabinets; cafeteria and kitchen equipment.

S & S Machinery Co.
140 53rd St., Brooklyn 32, N. Y.
Phone: HY. 2-7400.
Branch Factories: Los Angeles; Portland, Maine.
Simon Srybnik, pres., L. D. Srybnik, v. p.; Jay B. Srybnik, treas.
Machine Tools.
Trade Names: Supermill; Speedmaster; Lansing; Elgin, Man-au-Cycle.

S & S Products, Inc.
W. Grand Ave., Lima, Ohio. Phone: CA. 5-5040.
Mrs. M. S. Schilling, bd. ch. & treas.; Burrell Biddinger, pres.; R. I. Brown, v. p.; E. H. Ohler, v. p.; G. R. Thompson, sales mgr.
Ice and electric bottle coolers, can-bottle venders.
Trade Name: Quikold.

S & S Vending Machine Co.
670 Lincoln Ave., San Jose, Calif.
Phone: CY. 4-5828.
Refrigerated vending equipment; walk-in boxes, low and medium temperature.

SKF Industries, Inc.
Front St. & Erie Ave., Philadelphia 32, Pa.
Phone: GArfield 6-6400.
Branch Factories: Philadelphia; Altoona & Shippensburg, Pa.; Hornell, N. Y.; Massillon, Ohio.
E. R. Broden, bd. ch. & pres.; W. J. Wiley, v. p.-finance; S. H. Smith, v. p.-sales; K. Kesselring, v. p.-mfg. prod.; F. W. White, adv. mgr.; F. E. Whyte, dir. pur.; T. W. Morrison, dir.-engrg. & research; S. Kabala, plant mgr.
Ball and roller bearings, pillow blocks.
Trade Names: Atlas Balls; Tyson.

Safety Electrical Equipment Corp.
1187 Dixwell Ave., New Haven 14, Conn.
Phone: UN. 5-3171.
R. B. Dodds, pres.; J. J. Kennedy, v. p.; J. Prestiani, pur. agt.; C. McElroy, air cond. chief engr.
Railway air conditioning equipment; motors, generators, high frequency units.

St. Clair Rubber Co.
300 Empire Bldg., 107 Clifford St.,
Detroit 26, Mich. Phone: WO. 2-2640.
G. J. Teplansky, asst. to pres.; F. E. Lester, v. p.; J. E. VeVerka, adhesive sales mgr.; L. J. Stverak, factory mgr.
Rubber adhesives and coatings.

St. Regis Paper Co., Panelyte Div.
N. Enterprise Ave., Trenton, N. J.
Phone: EXport 2-2181.
Branch Factories: Cambridge, Ohio; Richmond, Ind.; Dexter, Mich.
A. Littlefield, gen. mgr.; W. E. Deasy, gen. mgr.-indus. prod.; D. F. Sweet, gen. sales mgr.- indus. prod.; R. W. Barber, technical dir.; J. J. Norton, mgr., mktg. & planning.
Laminated plastics, molded plastics, extruded plastics.

Sampson Scientific Co.
2830-36 W. Lake St.,Chicago 12, Ill.
Phone: SAcramento 2-6346.
Dr. S. Isenberg, pres.; H. C. Hoekstra, v. p.; R. A. Creighton, secy.; A. A. Jannings, engr. & sales mgr.
Air purifiers, air ionizers.
Trade Names: Sun-Lite-Aire; Sampsonaire; Ionray.

Sarco Co., Inc.
Sarcotherm Controls, Inc.
635 Madison Ave., New York 22, N. Y.
Phone: PL. 8-2500.
Branch Factory: Bethlehem, Pa.
Sarco: H. L. Simmons, pres.; A. Milnes, v. p.
Sarcotherm: L. Barfus, pres.
Steam traps, temperature controls, pipeline strainers, heating specialties.
Trade Names: Thermo-Dynamic*; Sarcoflow; Sarcotherm.

Savage Ice Cream Cabinet Div. of
C. V. Hill & Co., Inc.
360 Pennington Ave., Trenton, N. J.
Phone: LY. 9-9861.
Branch Factory: Barrie, Ont., Can.
G. J. Doyle, pres.; H. N. Corbin, v. p.-sales; A. K. Thornley, sales mgr.; D. E. Rutishauser, dir. engrg.
Ice cream merchandising, dispensing, and storage cabinets.

Schaefer Brush Mfg. Co., Inc.
117 W. Walker St., Milwaukee 4, Wis.
Phone: MI. 5-3664.
O. L. Schaefer, pres. & sales mgr.; D. E. Schaefer, v. p.-sales; J. W. Schaefer, factory mgr.
Brushes: Acid, boiler, flue, condenser, heat exchanger and copper fitting.

Schaefer, Inc.
801 Washington Ave. No., Minneapolis 1, Minn.
Phone: FEderal 9-7951.
Branch Factory: Aberdeen, Md.
B. W. Hanson, pres.; R. B. Norris, v. p.; G. S. Morgan, western sales mgr.; R. P. Christiansen, eastern sales mgr.; R. R. Bishop, sales prom. mgr.; E. S. Tollefsrud, pur. agt.; P. P. Omelianchuk, chief engr.
Ice cream and frozen food cabinets, milk coolers, and dairy cases.

Schild Mfg. Co.
P.O. Box 412, Beaver Dam, Wis.
Phone: TU. 5-4860.
H. A. Halvorson, owner.
Metal cutters and hand tools.

Schmidt Co., The C.
1712 John St., Cincinnati 14, Ohio.
Phone: PA. 1-4234.
E. B. Ahrens, pres.; J. E. Ahrens, v. p. & chief engr.; P. R. Stewart, sales mgr.; Harold Cline, pur. agt.; E. J. Ahrens, factory mgr.
Commercial refrigeration.
Trade Names: Thesco; Bake-N-Freez.

Schnabel Co., Inc., The
S. Tenth St., Pittsburgh 3, Pa.
Phone: HUbbard 1-3000.
W. H. Clifford, pres.; D. N. Rupert, v. p.; A. W. Brubach, pur. agt.; A. F. Stark, chief engr.; R. G. Mitesser, factory mgr.
Insulated and/or refrigerated bodies for motor trucks.

Schnacke, Inc.
1101 N. Governor St., Evansville, Ind.
Phone: HArrison 3-5265.
F. C. Schnacke, pres.; Glendale Gill, secy.-treas.; M. J. Barnett, sales engr.; R. Montgomery, supt. & pur. agt.; C. L. Lankford, service mgr.
Compressors and condensing units—10 to 75 hp; package liquid chillers—10 to 300 hp.
Trade Name: Thermatrol.

Schrack Electrical Sales Corp., Div. of
E. Schrack Electric Mfg. Corp.
1100 Madison Ave., New York 28, N. Y.
Phone: YUkon 8-1510.
Factory: Vienna, Austria.
E. Schrack, bd. ch.; G. Denk, pres.; F. J. Bellac, exec. v. p.
Control panels, switches, motor starters and current limiters, rectifiers, relays, telephone and intercom systems.

Schutte & Koerting Co.
Cornwells Heights, Bucks County, Pa.
Phone: MErcury 9-0900.
Export Dept.: 1505 Race St., Philadelphia 2, Pa.
U. W. Fischer, pres.; F. Boehm, v. p.-mktg. & sales; J. L. States, adv. mgr.
Processing and power equipment.
Trade Names: Econex; Flo-Eye; Safeguard.

Scotsman, Queen Products Div.,
King-Seeley Thermos Co.
505 Front St., Albert Lea, Minn.
Phone: FR. 3-3961.
R. C. Trow, v. p. & gen. mgr.; R. J. Lickteig, v. p. & gen. sales mgr.; F. W. Voss, controller; J. W. Ward, field sales mgr.; W. J. Marinan, adv. mgr.; Bernard Hermanson, pur. agt.; M. H. Mathis, service mgr.
Ice cubers; flakers; crushers; drink dispensers; Storage bins; coin-operated vendors.

Scott Paper Co., Foam Div.
1500 E. Second St., Chester, Pa.
Phone: TRemont 6-2551.
G. U. Paulding, gen. mgr.; E. O. Mack, indus. sales mgr.; J. W. Harrick, midwest sales.
Open pore polyurethane; filter media.

Scovill Mfg.Co.
99 Mill St., Waterbury 20, Conn.
Phone: PL. 4-1171.
S. T. Williams, pres. & gen. mgr.; N. H. Schlink, v. p. & gen. mgr.-Fabricating Div.; C. P. Goss, v. p. & gen. mgr.-Mills Div.; M. J. Liston, sales mgr.-Mills Div.; S. O. Drizdahl, sales mgr.-General Mfg. Div.; C. G. Grimes, pur. agt.
Brass, copper, aluminum mill products; made-to-order parts and assemblies, relays, industrial hose couplings; made-to-order brass and aluminum forgings and screw machine products; industrial fasteners; brass and aluminum sand casting.

Sealed Unit Parts Co., Inc.
1178 East 180th St., New York 60, N. Y.
Phone: SY. 2-8100.
Henry Ehrens, pres.; S. Weiner, secy.; S. Meltsner, pur. agt.; E. Casper, service mgr.
Parts for sealed units; refrigerator parts; sealed compressor rebuilding.
Trade Names: Supco; Bullet.

Sealed Units, Inc.
Airport Branch, St. Petersburg 32, Fla.
Phone: HEmlock 5-2196.
A. C. White, v. p.-pur.; F. G. Worthington, v. p. engrg.
OEM contract assembly plant for heat pumps, up to 30 ton and sealed systems for refrigeration

and air conditioning; throwaway type air filters.
Trade Name: Airflow.

Seamless Rubber Co., The
464 Congress Ave., New Haven 3, Conn.
Phone: STate 7-2211.
A. R. Gow, pres.; A. H. Kuhn, v. p.-mfg.; A. P. Simpson, v. p.-mktg.; R. M. Reid, mgr., Ind Tape Div.; E. P. Dawson, sales prom. mgr.; H. H. Bohlmann, export mgr.
Industrial tapes; rubber specialties; rubber gloves.

Sedco, Inc.
Box "C", Adrian, Mich. Phone: COlfax 3-2220.
S. H. Morse, v. p.; J. H. Parsons, secy.-treas.
Vacuum pumps, refrigeration systems.

Selmix Dispensers, Inc.
5-17 46th Rd., Long Island City 1, N. Y.
Phone: EX. 2-1700.
A. B. Segal, bd. ch.; O. Follon, pres.; J. K. Sedam, v. p.; engrg.; J. Schiliro, v. p.; D. Mann, pur. agt.
Soft drink dispensing equipment (post mix).
Trade Names: General; Regent; Barrel; Niagara; Ice-Co.

Sequoia Mfg. Co.
1090 Brittan Ave., San Carlos, Calif.
Phone: LY. 3-7874.
Heating and air conditioning equipment.
Trade Name: Fre-Flo.

Serdex, Inc.
12 Bowdoin Sq., Boston 14, Mass.
Phone: CA. 7-7160.
N. J. Hill, pres.; J. G. Hill, v. p. & sales mgr.; M. A. Turell, pur. agt.; G. Santo, chief engr.
Humidity indicators, recorders, controllers.

Servair, Inc., Div. of Ventco, Inc.
6040 Telephone Rd., Houston 17, Texas.
Phone: MI. 5-3303.
H. M. Rich, pres.; E. M. Kay, sales mgr.; Chas. Bluffin, prod. mgr.; Louis White, engr. mgr.
Refrigeration charging equipment; vacuum pumps; automatic charger; charging dolly; sight glass charging cylinder; electrical tester.

Seton Name Plate Co., Inc.
50 Fitch St., New Haven 15, Conn.
Phone: FUlton 9-9581.
F. R. Seton, pres.; P. Z. Seton, secy.-treas.; M. Crespo, asst. secy.; Guy Zullo, factory mgr.
Name plates and identification tags for use on valves, switches, and controls.

Shakeproof Div. Illinois Tool Works, Inc.
St. Charles Rd., Elgin, Ill. Phone: SH. 1-7900.
H. B. Smith, pres.; E. W. Fuller, exec. v. p.; A. L. Pontius, v. p.; R. W. Bill, sales mgr.; W. E. Bruse, gen. mgr.; R. R. Raufeisen, adv. mgr.; A. L. Froehlich, pur. agt.; W. M. Hanneman, exec. engr.; M. Gouveneur, chief prod. engr.; K. C. MacKay, works mgr.
Fasteners, nuts, screws, washers, and sealing fasteners.
Trade Names: Sems*; Keps*; Shakeproof*; Nibscrews*; Lokuts*.

Shank Co., Cyrus
4646 W. 12th Pl., Chicago 50, Ill.
Phone: BIshop 2-2477.
F. P. Kruppe, pres.; M. Shank, exec. v. p.; R. T. Kruppe, v. p. & sales mgr.; R. Knautz, mgr. refrig. div.; N. Konwal, chief engr.; S. Mikotis, factory mgr.
Refrigeration valves and accessories; repair tools.
Trade Name: Shank & Kruppe.

Sheldons Mfg. Corp.
203 Gateway Rd., Bensenville (Chicago), Ill.
Phone: 766-6350.
Subsidiary of: Sheldons Engineering Ltd.
G. M. Egoff, pres.; A. P. Rosenquest, v. p.; F. Balzer; R. O'Connor; V. Launspach.
Industrial fans, blowers, dust collectors, mechanical draft equipment.

Sheller Mfg. Corp.
8-159 General Motors Bldg., Detroit 2, Mich.
Phone: TRinity 5-0960.
Branch Factories: Chicago; Keokuk, Iowa; Montpelier, Portland, Union City, Ind.; Norfolk, Va.
J. A. Mullen, pres.; E. J. Cosgrave, G. A. McFarland, S. L. Mathewson, J. A. Reeves, and J. D. Reindel, v. p.'s; M. A. Nelson, secy.-treas.
Rubber and plastic steering wheels; mechanical molded and extruded rubber products; urethane foam and chemically-blown sponge; cork products; zinc die castings; plated die castings; steel stampings and screw machine products; molds and dies for rubber and plastic products.
Trade Name: Shellertex.

Sherer-Gillett Co.
604 S. Kalamazoo Ave., Marshall, Mich.
Phone: STory 1-3918.
J. H. Coolidge, pres.; L. O. Bower, exec. v. p.; J. S. Twist, v. p.; J. F. Miller, v. p.-sales; A. G. Merkle, v. p. & chief engr.; M. K. Ballard, v. p. & factory mgr.; L. J. Pahl, sales mgr.; C. F. Greene, secy.-treas.; M. H. Strang, mgr., refrig. div.; J. H. Wilson, adv. mgr.; W. H. Hammond, dir. pur.; G. J. Smith, service mgr.
Commercial refrigerators.
Trade Names: Flexicold; Vegetaire; Retardo; Coolerama.

Sherman Associates, Inc., C. Q.
Bar Bldg., Mt. Vernon, N. Y.
Phone: MO. 4-6200.
C. Q. Sherman, pres.; B. A. Sherman, v. p.; Bernie Wilks, sales mgr.; F. Horn, secy.
Refrigerated candy cases; spot cases.
Trade Name: Rescor.

Shurclose Seal Co.
17411 E. Warren, Detroit 24, Mich.
Phone: TUxedo 2-7172.
R. A. Scharer, gen. mgr.; Robert Colegrove, sales mgr.; M. A. Davis, pur. agt.; H. Harnish, chief engr.
Rubber and plastics (molded and extruded); rubber and plastic tube caps and plugs, "O" rings, rubber mounts, compression mounts, vibration dampers, rubber and plastic closures, and dust seals.

Silco Products, Inc.
P.O. Box 625, Fountain Inn, S. C.
Phone: TO. 2-3548.
G. E. Cook, pres.; Freda Silver, pur. agt.
Heat transfer equipment.

Silent Automatic Products
3170 West 106th St., Cleveland 11, Ohio.
Phone: ORchard 1-3500.
L. J. Cox, pres.; J. H. Jordan, v. p. & mgr. heating & cooling div.; P. Burke, sales mgr.; E. D. Sayles, asst. sales mgr.; D. Wylie, adv. mgr.; T. M. Abate, pur. agt.; R. C. Wright, chief engr.; R. W. Freeman, factory mgr.; J. F. Roche, service mgr.; R. F. Lunt, export mgr.
Residential air conditioning and heating.
Trade Name: Wall Flame.

Silver Refrigeration Mfg. Corp.
1469 Utica Ave., Brooklyn, N. Y.
Phone: DEwey 8-2420.
Stanley Silver, v. p.; Mel Silver, secy.-treas.; Ben Plotaken, production mgr.
Reach-in refrigerators and freezers.
Trade Name: Silco.

Silvercote Products, Inc.
161 E. Erie St., Chicago, Ill. Phone: DE. 7-2243.
Branch Factory: Los Angeles.
F. C. Dalley, pres.; R. K. Trask, v. p. & gen. sales mgr.; W. A. Knudson, v. p. & West Coast div. mgr.; G. A. Harding, treas.; Dorothy Eby, secy.
Fiber glass duct and pipe insulations; cell-tite insulation tubing; adhesives; reflective papers; vapor barriers; mineral fiber insulation board.
Trade Names: Silvercel*; Cell-Tite*.

Simmons Fastener Corp.
N. Broadway, Albany, N. Y.
Phone: HObart 2-5431.
C. A. Simmons, Sr., pres.; H. H. Rose, v. p.; C. A. Simmons, Jr., secy.-treas.
Industrial fasteners.
Trade Names: Spring Lock; Quick Lock; Roto Lock; Dual Lock; Link Lock; Hinge Lock; Hook Lock; Cam Bolt; Mini-Q-Lock; Clamp Lock.

Simplex Refrigeration Corp.
344 Carlson Blvd., Richmond, Calif.
Phone: BE. 5-6865.
Don Colvin, pres.; Vern Schultz, v. p.; A. B. Cotton, secy.; W. H. Pillsbury, pur. agt.
Commercial refrigerators and freezers.
Trade Name: Col-Temp.

Simpson Electric Co.
5200 W. Kinzie St., Chicago, Ill.
Phone: ES. 9-1121.
Branch Factories: Aurora, Elgin, Ill.; Mercer, Lac du Flambeau, Wis.
J. Whiteside, pres.; C. R. Billman, v. p.-mfg.; M. O. Buehring, dir. of sales; W. Johansen, sales mgr.; V. Racanelli, adv. mgr.; J. Werner, pur. agt.
Electronic meters, refrigeration and heating test equipment, panel meters, meter relays.
Trade Name: Therm-o-meter.

Skasol Corp.
112 Glencoe Ave., Webster Groves 19, Mo.
Phone: WOodland 1-7100.
Mrs. H. E. Lindemann, pres.; N. A. Marshall, sales mgr.
Coil cleaning compounds and water tower treatment chemicals.
Trade Name: Nu-Coil.

Skidmore Corp.
212 Water St., St. Joseph, Mich.
Phone: YUkon 3-3501.
V. F. Radde, pres. & gen. mgr.; D. W. Potter, v. p.; K. Radde, secy.-treas.; M. B. Noe, pur. agt.
Vacuum and condensate boiler feed pumps for heating system application

Skil Corp.
5033 Elston Ave., Chicago 30, Ill.
Phone: AV. 6-2000.
Branch Factories: Maywood, Ill.; Middleport, N. Y.; Hialeah, Fla.; Toronto, Ont., Can.; Skil, Breda, Nederland; Zug, Switzerland.
B. Sullivan, bd. ch.; J. F. Spaulding, pres.; J. R. DeBacher, exec. v. p.; E. B. McConville, exec. v. p.-finance; W. K. Downey, v. p.-mktg.; R. W. Christensen, v. p.-engrg.; H. L. Bullock, gen. sales mgr.; J. L. Schuler, dir. pur.; L. L. Stuart, service operations; W. A. Mihelich, export mgr.
Portable power tools.
Trade Names: Skilsaw; Recipro Saw; Roto-Hammer; Orbit/Line; Perma-Grit.

Skinner Co., M. B.
South Bend, Ind. Phone: AT. 8-2501.
K. G. Merrill, bd. ch.; F. R. McMurray, pres.; H. T. Waite, Jr., v. p.-sales; H. J. DeFreeuw, v. p.-prod.; L. E. Prout, pur. agt.; T. E. McMurray, chief engr.
Clamps and saddles for steel and cast iron pipe.
Trade Name: Skinner-Seal.

Skinner Electric Valve Div. of Skinner Precision Industries, Inc.
95 Edgewood Ave., New Britain, Conn.
Phone: BA. 5-6421.
A. E. Thornton, bd. ch.; P. K. Rogers, Jr., pres.; R. D. Twohig, exec. v. p.; D. M. Stevenson, v. p.-sales; G. A. Goepfrich, v. p.-engrg.; D. C. Campbell, v. p. & factory mgr.; W. J. Bloudek, sales mgr.; C. E. Nelson, pur. agt.; R. B. Clay, chief engr.
Two, three, and four-way solenoid valves.

Skuttle Mfg. Co.
Milford, Mich. Phone: MU. 4-1415.
Branch Factory: Marietta, Ohio.
R. W. Geisler, pres.; M. A. Powers, v. p.; K. M. Fournier, sales mgr.; H. K. Bolton, secy.
Automatic humidifiers, electrostatic washable air filters, condensate removal units.

Slant/Fin Radiator Corp.
130-15 89th Rd., Richmond Hill 18, N. Y.
Phone: VI. 6-8200.
M. Dubin, pres.; M. Brooks, gen. mgr.; I. Turinsky, v. p.-mfg.; A. Buschel, gen. sales mgr.; F. Richard, adv. & sales prom. mgr.; A. Wasserstrom, pur. agt.; A. Applebaum, tech. service mgr.; N. Stoll, builders program mgr.
Commercial and finned-tube radiation, residential hydronic and electric baseboard radiation in copper, steel galvanized, stainless steel.
Trade Names: Fine/Line; Multi/Pak; Sundial; Hydro-Tite; P.G.'s; T-Shot.

Slocomb Corp., F. F.
14th & Poplar Sts., Wilmington 99, Del.
Refrigeration system cleaning units.

Small Motors, Inc.
2076 Elston Ave., Chicago 14, Ill.
Phone: ARmitage 6-6900.
R. R. Cook, pres.
Fractional horsepower motors, blowers, dynamotors, step motors, generators, actuators.
Trade Name: Bantam.

Smith Co., Inc., The H. B.
157 Main St., Westfield, Mass.
Phone: LOgan 2-9631.
S. K. Smith, ch.; L. E. Seeley, pres.; G. W. Roraback, v. p.; A. L. Lawrence, treas.; J. E. Reed, secy. & sales mgr.
Cast iron boilers for heating and domestic hot water supply.
Trade Names: Mills; Century; Smith-Pac; Hy-Test.

Smith Co., J. B.
3327 "B" St., Philadelphia 34, Pa.
Phone: NEbraska 4-2733.
J. B. Smith, pres.; R. A. Clark, sales mgr.
Registers, grilles, and diffusers.
Trade Name: Atlas.

Smith Corp., A. O.
531 N. Fourth St., Tipp City, Ohio.
Phone: NOrth 7-2431.
H. O. Allen, div. mgr.; C. M. Poston, gen. sales mgr.; J. M. Richardson, mktg. mgr.; A. S. Bickham, engrg. mgr.
Fractional and integral motors, ¼—200 hp; hermetic motors through 100 hp; 2 and 4 pole blower motors; single phase with encapsulated switch; special increment start motors for compressor drives.

Smith Corp., A. O., Permaglas Div.
P.O. Box 28, Kankakee, Ill.
Phone: WEllis 3-8241.
Gas fired warm air furnaces, gas fired boilers.
Trade Name: Permaglas.

Smith Filter Corp.
1603 Second Ave., Moline, Ill. Phone: 762-6371.
G. O. Smith, pres.; Dr. E. F. Parker, v. p.; R. O. Smith, secy.-treas.
Permanent type air and grease filters.
Trade Names: Lifetime; Perma Foam.

Smith Twin Tubular Boiler Co., Inc.
State Rd. & Cottman Ave., Philadelphia 35, Pa.
Phone: MA. 4-8700.
C. E. Woolston, ch.; R. H. Woolston, pres.;
Low pressure commercial steel boilers.
Trade Names: Sectional; Scotch Marine; Packaged Boilers.

Smith-Werner Co.
925 Federal Blvd., Denver 4, Colo.
Phones: AL. 5-2316; AL. 5-1201.
R. M. Dunshee, pres.; E. L. Dunshee, v. p.
Soda fountains and fountainettes.
Trade Names: Serv-All.

Snap-On Tools Corp.
Kenosha, Wis. Phone: OL. 4-8681.
Branch Factories: Algona, Iowa; Mt. Carmel, Ill.; Natick, Mass.; Toronto, Ont., Can.
V. M. Cain, pres.; R. Palmer, v. p.; G. S. Childress, sales mgr.; G. A. Smith, adv. mgr.; R. Knudsen, chief engr.; G. Thomsen, service mgr.; D. C. Beaulieu, export mgr.
Hand tools, portable electric drills.
Trade Name: Blue-Point*.

Snappy, Inc.
620 West Main St., Detroit Lakes, Minn.
Phone: VI. 7-5356.
L. E. Anderson, pres.; H. F. St. Marie, v. p.; O. A. Mayer, asst. gen. mgr.; R. Brolin, chief engr.; J. Wood, factory mgr.
Metal duct fittings, connectors, dampers; oil tanks; circle cutting tool.

Solar Systems, Inc.
11936 Valerio St., North Hollywood, Calif.
Phone: PO. 5-4317; TR. 7-0955.
J. H. Overholser, pres.; Fred Thaheld, exec. v. p. & treas.; Carl Conkle, v. p. & gen. mgr.; R. L. Hoffman, sales mgr.; W. J. Farnsworth, pur. agt.
Pool equipment; heaters; filters; heat pumps; chemicals; refrigeration equipment; process and testing equipment; beverage dispensers; cooling systems; plastic fabricators and solaire heat exchangers for pools.
Trade Names: Ultra-Cold*; Zerolab*; Serv-A-Bar; Solaire.

Sonoco Products Co.
Hartsville, S. C. Phone: EDgewater 2-3511.
C. W. Coker, pres.; C. H. Campbell, v. p.-sales; R. G. Coker, v. p.-engrg.; J. A. Reagan, Jr., adv. mgr.; J. B. Boyd, dir. of pur.; R. C. King, export mgr
Non-metallic duct.
Trade Name: Sonoairduct.

South Bend Air Products, Inc.
423 S. St. Joseph St., South Bend 1, Ind.
Phone: AT. 8-7336.
M. A. Smith, Jr., pres.; J. E. LeJeune, secy.
Ventilating equipment, axial flow.
Trade Names: Dynaflow; Aerospot.

Southern Plastics Co., Inc.
408 Pendleton St., Columbia, S. C.
Phone: AL. 6-0651.
J. W. Lindau, III, pres.; Leonard Bogen, v. p.; McDowell McLeod, sales mgr., air products div.; D. W. Weber, chief engr.
Plastic products for air conditioning, etc.
Trade Name: Soplasco.

Southern Screw Co.
P.O. Box 1360, Statesville, N. C.
Phone: 704-873-7211.
Warehouses: New York City; Chicago; Dallas; Los Angeles.
F. Jensen, pres.; T. H. Putnam, regional sales mgr.; E. F. Moose, regional sales mgr.
Fasteners.

Southgate Tool & Die Co.
13116 Rosedale, P.O. Box 1097, Southgate, Mich.
Phone: AV. 2-2720.
A. J. Banyai, pres.; J. Lucas, secy.
Tools, dies, jigs, fixtures and capillary tube cleaners (pump).
Trade Name: Lucas.

Southwest Mfg. Co.
10 N. Elliott, Aurora, Mo. Phone: OR. 8-2158.
Subsidiary of: The F. E. Myers & Bro. Co.
R. C. Hauck, pres.; Milo Chavez, v. p.-sales; C. J. Fisher, v. p.engrg.; J. D. Gold, sales dir.; T. P. Nolan, controller; H. H. Blair, adv. dir.; O. J. Gibson, pur. agt.; H. F. Schultz, prod. mgr.-htg. div.
Heating and air conditioning equipment.
Trade Name: Heatwave*.

Spanco Brass Co., Div. of Parker-Hannifin Corp.
601 South Wilmot St., Otsego, Mich.
Phone: OXford 2-6111.
Floyd Burge, gen. mgr.; Duane Hicks, sales mgr.
Brass fittings.

Specialty Engineering Corp.
8708 Directors Row, Dallas, Texas.
Phone: ME. 1-9370.
J. J. Booth, pres. & chief engr.; W. C. Branch, v. p.; W. C. Hall, treas.; J. E. Moderi, sales mgr.; R. E. Curtis, pur. agt.; J. E. Lincoln, production.
Soft drink dispensers and soft drink vending machines (post mix and pre mix); coffee dispensers.
Trade Names: ServAsoda; Booth; Supervend; Servit.

Sperry Rubber & Plastics Co., The
Brookville, Ind. Phone: 600.
P. Sperry, bd. ch. & pres.; E. D. Gordon, v. p. & gen. mgr.; F. Schock, sales & adv. mgr.; W. F. Cox, pur. agt.; L. Parks, chief engr.; L. Bodnar, factory mgr.
Rubber, plastics, silicone.

Sponhaltz Enterprises, Inc.
1007 N. W. 36th St., Oklahoma City 18, Okla.
Phone: JA. 5-6828.
B. D. Sponhaltz, pres. & gen. mgr.; T. A. Sponhaltz, v. p. & supt.
Portable cranes, truck mounted.
Trade Name: Spon-Hoist.

Sporlan Valve Co.
7525 Sussex Ave., St. Louis 17, Mo.
Phone: MIssion 7-2775.
Factory: Washington, Mo.
H. T. Lange, pres.; H. F. Spoehrer, exec. v. p.; W. H. Krack, sales mgr.; J. T. Barry, sales mgr.-wholesalers; J. E. Dannels, sales mgr.-OEM; M. D. McAnany, adv. mgr.; H. F. Shield, pur. agt.; W. F. Wischmeyer, chief engr.; P. R. Faris, factory mgr.
Thermostatic expansion valves; refrigerant distributors, solenoid valves, filter-driers, strainers, liquid level controls, moisture and liquid indicators.
Trade Names: Catch-All; See-All; Level-Master; Flow-Master.

Sprague Electric Co.
North Adams, Mass. Phone: MOhawk 3-5311.
R. C. Sprague, bd. ch.; E. L. Ward, pres.; N. W. Welch, Sr., v. p., sales & mktg.; W. L. Moorhead, sales co-ord., OEM air cond. div.; H. Kalker, replacement sales mgr.; S. L. Chertok, adv. mgr.
Capacitors.
Trade Names: Clorinol; Belcap; Koolpak; Unipak.

Sprague Engineering Corp.
19302 S. Vermont Ave., Gardena, Calif.
Phone: FA. 1-1411.
R. E. Northey, sales dir., Magna Kold Div.
Direct current (battery operated) hermetic compressors, condensing units, conversion kits, refrigerators and freezers.
Trade Name: Magna Kold.

Spraying Systems Co.
3201 Randolph St., Bellwood, Ill.
Phone: ES. 8-8506.
F. W. Wahlin, pres.; S. Bramsen, exec. v. p.; J. Pelej, sales mgr.; R. C. Hey, adv. mgr.; W. C. Bloomer, pur. agt.; Ralph Fish, factory mgr.
Nozzle, humidifying systems.
Trade Names: Whirljet; Fogjet; Fulljet.

Springer-Penguin, Inc.
9-07 34th Ave., Long Island City 6, N. Y.
Phone: AStoria 8-7700.
G. K. Springer, pres. & adv. mgr.; L. J. Springer, v. p. & sales mgr.; J. Woelfel, mgr. refrig. div. & chief engr.
Refrigerated bars, office refrigerators, ice cube makers.
Trade Name: Penguin Refrigerated Furniture.

Springfield Wire & Tinsel Co.
P.O. Box 638, 70 Leete St., Springfield, Mass.
Phone: ST. 5-5361-2.
Branch Factory: Evansville, Ind.
V. K. Wagner, Jr., pres.; G. M. Westberg, v. p. & sales mgr.; Dorothy F. Sheehan, treas.; J. F. Smith, pur. agt.; J. A. Olsen, chief engr.; C. L. Carkhuff, gen. mgr., Indiana plant.
Refrigerator heater wire; defrost and crankcase heaters; silicone rubber moldings and harness assemblies.
Trade Names: S-14; SW-200; AGV; AGN.

Square D Co.
4041 N. Richards St., Milwaukee 12, Wis.
Phone: ED. 2-2000.
F. W. Magin, bd. ch.; L. G. Maechtlen, pres.; M. P. Kartalia, v. p.-sales; E. Love, sales mgr.-I.C. Div.; C. M. Michalski, corp. adv. mgr.; H. Troyk, pur. agt.-I.C. Div.; S. T. Colman, export mgr.
Electric motor controls.

Squires Co., The C. E.
18502 Syracuse Ave., Cleveland 10, Ohio.
Phone: KE. 1-1064.
J. P. Auwerter, pres. & secy.; P. P. Palumbo, gen. mgr.; W. L. Bartel, gen. sales mgr.; W. Gottshalk, prod. mgr.; W. Murphy, factory mgr.
Controls.
Trade Names: Valvatrol; Thermatron; Mouat.

Sta-Rite Products, Inc.
Delavan, Wis. Phone: SA. 8-5551.
Branch Factories: Los Angeles; Chamblee, Ga.; Ajax, Ont., Can.
H. S. Lauterbach, bd. ch. & pres.; E. B. Nelson, 1st v. p.-secy.; R. M. Hayes, v. p.-sales; R. H. Olson, sales mgr., indus. div.; J. H. Matson, mktg. dir.
Straight centrifugal pumps, self-priming centrifugal pumps, jet and submersible pumps, sump pumps, vacuum pumps.
Trade Name: Perfection.

Stahl Metal Products, Inc.
4750 W. 160th St., Cleveland 35, Ohio.
Phone: WI. 1-2377.
Branch Factory: Cardington, Ohio.
C. J. Stahl, pres.; C. E. Geiger, v. p.; Ron Hull, v. p.-sales; Joe Mitchell, secy-treas.
Utility truck bodies service.

Stamford Fan Co., Inc.
4 South St., Stamford, Conn.
Phone: FIreside 8-0234.
Branch Factory: Poughkeepsie, N. Y.
W. L. Flemming, pres. & sales mgr.; H. Koelln, v. p.; R. Sedgwick, treas.; E. Brandt, chief engr.; G. F. Brenner, plant supt.
Centrifugal blowers; roof fans; propellers; induced draft fans.
Trade Name: StamFan.

Standard Cabinet Co., Inc.
59 Washington Ave., Carlstadt, N. J.
Phone: GE. 8-1500.
E. S. Brown, pres. & gen. mgr.; R. O. Norton, sales mgr. & chief engr.; L. H. Gasperoni, dir. pur.; H. E. Young, design engr.
Environmental test equipment.

Standard Electric Mfg. Co., Inc.
Haddon Ave., West Berlin, N. J.
Phone: ROckwell 7-0207.
H. A. Cohen, pres.
Fans; blowers; pumps.

Standard-Keil Hardware Mfg. Co., Inc.
2581 Atlantic Ave., Brooklyn 7, N. Y.
Phone: HY. 8-1505.
Branch Factory: Philadelphia.
M. M. Klein, v. p.-sales; Eli Klein, prod. supr.; Mario Rondello, plant supt.; Ben Trupin, prod. development.
Refrigeration hardware and accessories; grease filters, and vaporproof lighting.
Trade Names: Keil; Keilson; Champion; Pur-Flo; Eskay.

Standard Metal Fabricating Co.
7311 Jones St., Omaha 14, Neb. Phone: 393-1744.
J. W. Hennen, pres.; H. Q. Urbach, v. p. & gen. mgr.; R. F. Anderson, sales mgr.; J. F. Ready, adv. & prom. mgr.
Standardized pipe, duct, and fittings for heating and cooling.
Trade Names: Clix-on; Butterly #54.

Standard Refrigeration Co.
3014 W. Fillmore St., Chicago 12, Ill.
Phone: SA. 2-2600.
H. A. Goldberg, pres.; H. M. Goldberg, v. p.
Liquid receivers, condensers, heat exchangers.

Standard Stamping & Perforating Co.
3131 W. 49th Pl., Chicago, Ill.
Phone: HE. 4-6600.
Joel Isaacs, gen. mgr.; William Ramquist, sales mgr.-registers & grilles; William Wegner, sales mgr.-perforated metals.
Perforated metals—registers and grilles.
Trade Name: Modulaire.

Standard Tube Co., The
24400 Plymouth Rd., Detroit 39, Mich.
Phone: KE. 1-9300.
Branch Factory: Shelby, Ohio.
G. B. Storer, Sr., bd. ch.; S. L. Willis, pres.; R. E. Hoover, exec. v. p.; P. C. Hintz, v. p.-sales; B. S. Wiseman, v. p.-mfg.; F. W. Sexauer, sales mgr.; J. X. Walton, pur. agt.; R. C. Ofenstein, chief engr.
Electric resistance welded steel tubing; stainless steel tubing and pipe; fabricated tubing and bending; tubular parts.

Star Cooler Corp.
9271 Manchester Rd., St. Louis 17, Mo.
Phone: WO. 2-8950.
C. P. Scherrer, pres.; R. J. Schenk, v. p.; D. J. Scherrer, v. p.; F. Rentschler, gen. sales mgr.; R. G. Cordes, dir. engrg.
Immersion and front opening can milk coolers; low temperature holdover cabinets for truck delivery; and spot merchandisers.
Trade Name: Cold Star.

Starrett Corp.
4522 W. Ohio Ave., Tampa, Fla.
Phone: RE. 7-5321.
W. F. Starrett, pres.; F. G. Tobi, v. p. & treas.; R. C. Mann, v. p.-sales.
Ice merchandisers, walk-ins, insulated shipping containers, ice processing machinery.

State Pipecovering Co.
306 Spencer Pl., Paramus, N. J.
Phone: CO. 2-0518.
P. T. Consort, owner; J. C. Lucien, mgr.
Insulation materials.
Trade Name: Staput.

Statham-Swearingen, Inc.
12401 W. Olympic Blvd., Los Angeles 64, Calif.
Phone: BR. 2-0371.
J. S. Swearingen, pres.; H. M. Rose, gen. sales mgr.
Absorption chiller, direct gas fired.
Trade Name: Swearingen.

Steinhorst & Sons, Inc., Emil
612-16 South St., Utica, N. Y.
Phone: RE. 2-1188.
Wm. C. Steinhorst, bd. ch. & pres.; Emil Steinhorst, Jr., exec. v. p.; R. E. Steinhorst, v. p.-sales; J. Steinhorst, v. p.-ind.; Kenneth Darch, sales mgr., refrig.; Herbert Steinhorst, pur. agt.; T. R. Steinhorst, air cond. engr.
Bulk milk cooling tanks, freezers.

Stephens-Adamson Mfg. Co.
Ridgeway Ave., Aurora, Ill. Phone: TW. 2-4311.
Branch Factories: Los Angeles; Clarksdale, Miss.; Belleville, Ont., Can.
L. S. Stephens, bd. ch.; D. L. Stephens, pres.; C. B. Hurd, v. p.; E. J. Renner, v. p.; F. S. Wells, v. p.

Ball bearings.
Trade Name: Sealmaster.

Sterling Electric Motors, Inc.
5401 Telegraph Rd., Los Angeles 22, Calif.
Phone: RAymond 3-6211.
Subsidiary of: Hathaway Instruments, Inc.
Branch Factory: Cincinnati.
A. E. Grazen, pres.-gen. mgr.; C. M. Aswell, v. p.-mktg.; J. R. Eastman, v. p.-engrg.; W. E. Hoppock, v. p.-mfg.; C. R. McGuire, mgr. mktg.; D. L. Gautsche, pur. agt.
Standard motors; gear motors; variable speed drives; speed reducers; electric power drives.
Trade Names: Sterlicone; Lube-Free.

Sterling, Inc.
5200 W. Clinton Ave., Milwaukee 23, Wis.
Phone: FLagstone 4-0970.
P. A. West, pres.; J. B. Ballard, v. p.; R. H. Dean, sales mgr.; C. H. Herrick, asst. sales mgr.-heating.
Steam heating specialties; temperature control valves; condensation pumps.
Trade Names: Sterlco; Thermotrol.

Sterling Industries, Inc.
New Richmond, Wis. Phone: CH. 6-2200.
R. C. Groth, pres.; I. B. Groth, v. p.; S. K. Groth, secy.-treas.
Commercial and institutional refrigerators, walk-ins, freezers; custom built combination coolers and freezers, reach-in freezers, and florist refrigerators.

Stevens Appliance Truck Co.
P.O. Box 897, Augusta, Ga.
W. P. Stevens, pres.; W. P. Stevens, Jr., secy.-treas.
Appliance trucks.
Trade Name: Escort.

Stevens-Lee Co.
314 W. 90th St., Minneapolis 20, Minn.
Phone: TUxedo 1-8612.
Benjamin Rubin, pres.; H. R. Rubin, v. p. & sales mgr.
Refrigerated milk dispensers.
Trade Name: Silver King.

Stewart Industries, Inc.
320 E. St. Joseph, Indianapolis 2, Ind.
Phone: ME. 4-8585.
R. H. Stewart, pres.; R. C. Golt, gen. mgr.
Fans, ventilating; range and oven hoods.
Trade Names: Kitchen-Aire; Stewart-Aire.

Stewart-Warner Corp.,
Heating & Air Conditioning Div.
Lebanon, Ind. Phone: 1121.
W. E. Judd, v. p. & gen. mgr.; W. E. Blake, sales mgr.; N. J. Gill, adv. & sales prom. mgr.; T. Brenton, pur. agt.; W. Conlon, chief engr.; W. Maudlin, chief air cond. engr.; C. Winkler, Jr., factory mgr.; A. Brietengross, service mgr.
Air conditioning and heating units.
Trade Names: Winkler; SafAire.

Stiles Karisonite Corp.
P.O. Box 64, Waukegan, Ill. Phone: CH. 4-3456.
J. F. Stiles, III, pres.; G. W. Stiles, secy.-treas.; F. A. Cianfione, gen. mgr.
Water treatment chemicals, dispensers, and service.

Stocker & Son, H. G.
Osceola, Wis. Phone: STate 4-2234.
D. Stocker, pres.
Automatic humidifiers.
Trade Name: Miss-T-Aire.

Stoddard Industries, Inc.
3383 E. Layton Ave., Cudahy, Wis.
Phone: HU. 3-4450.
Branch Factory: Clarendon, Ark.
F. Stoddard, pres.; R. M. Stoddard, v. p.; C. Stoddard, secy.-treas.; E. O'Sullivan, sales mgr.
Air filters—electrostatic, lifetime, washable, plastic.
Trade Name: DUST-magnet.

Stokes Corp., F. J.
5500 Tabor Rd., Philadelphia 20, Pa.
Phone: CU. 9-0100.
F. Dougherty, pres.; A. A. Hutchings, v. p.-sales; F. J. Stokes, Jr., v. p.-production; D. E. Stokes, mgr.-vacuum div.; V. N. Musmanno, adv. & mkt. dev. mgr.; L. Garza, export mgr.
Vacuum components; vacuum furnaces; metallizers; vacuum processing systems and special high vacuum equipment.
Trade Names: Microvac; Ring-Jet.

Stratoflex, Inc.
220 Roberts Cut-Off Rd., Ft. Worth, Texas.
Branch Factories: Fort Wayne, Ind.; Hawthorne, Calif.
C. A. Thomas, pres.; T. C. Davis, v. p.; B. L. Matheson, v. p.-western div.; A. J. Covaleski, pur. agt.; J. P. Thomas, chief engr.; T. J. Popken, adv. mgr.
Hose fittings and hose assemblies.
Trade Names: Stratogrip; Stratobraze; Stratolok; Stratocrimp.

Sub-Zero Freezer Co., Inc.
West Belt Line, P.O. Box 2017, Madison, Wis.
Phone: CEdar 3-5396.
W. F. Bakke, pres. & gen. mgr.; M. L. Bakke, v. p.; A. H. Rose, gen. sales mgr. & export mgr.; W. G. Knecht, pur. agt.; R. J. Kelly, chief engr. & service mgr.; L. C. Bakke, production mgr. & secy.-treas.
Free standing freezers; combination freezer-refrigerators; built-in refrigeration equipment and milk coolers.

Sumner Industries, Inc.
Sumner, Iowa. Phone: 420 & 421.
G. E. Hicke, v. p. & gen. mgr.; J. J. Sparano, plant supt.
Truck-trailer refrigeration systems.

Sun-Heat, Inc.,
Electric Heat Div. of Insto-Gas Corp.
998 E. Woodbridge Ave., Detroit 7, Mich.
Phone: WOodward 3-3384.
A. L. Wiener, pres.; J. F. Hirshfeld, v. p.; W. W. Steinert, sales mgr.
Radiant panel electric heaters; radiant tube electric heaters.

Sun Oil Co.
1608 Walnut St., Philadelphia 3, Pa.
Phone: KI. 6-1600.
J. N. Pew, Jr., bd. ch.; R. G. Dunlop, pres.; W. W. Wright, sr. v. p.; T. S. Horrocks, v. p.-mktg.; W. M. Schmitt, gen. mgr.-adv.; R. H. Anders, dir.-pur.
Refrigeration oils; fan lubricating oil; L-P gas; heating oil.
Trade Names: Suniso*; Sunvis*; Solgas*; Sunoco*.

Sundstrand Engineering Co.
315 24th St., Rock Island, Ill.
Phone: 788-0447.
R. E. Parmenter, pres.; W. E. Stradley, v. p.; B. L. Parmenter, secy.
Oil burners, gas burners.
Trade Name: All Electric*.

Sunset Equipment Co.
P.O. Box 3536, St. Paul, Minn.
Phone: CA. 4-5368.
G. A. Prentice, pres.; C. V. Larson, v. p. & mgr.
Bulk milk coolers, milk conveyors, and spin clean washers.

Sunshine Chemical Co., Inc., John
600-606 West Lake St., Chicago 6, Ill.
Phone: STate 2-8083.
John Sunshine, pres. & sales mgr.; E. F. Oppasser, v. p. & pur. agt.; M. LaVita, v. p.; J. Kera, chief engr. & factory mgr.
Repair and maintenance chemicals.
Trade Names: Cannibal*; Mitee*; Oiline*.

Super Radiator Corp.
6714 Walker St., Minneapolis 26, Minn.
Phone: WE. 9-7847.

R. G. Bredeson, pres.; J. A. Kilbane, Jr., sales mgr.; M. L. Benson, mgr. tech. sales; E. R. Boedecker, sales engr.
Finned coils.

Superior Combustion Industries, Inc.
1475 Broadway, Times Tower, New York 36, N. Y.
Phone: LO. 4-7550.
Factories: Emmaus, Pa.; Wilkes Barre, Pa.
J. F. Melzer, pres. & chief engr.; G. E. De Siena, v. p. & sales mgr.; C. H. Davis, adv. mgr.
Packaged boilers (water tube and fire tube), gas and oil burners.

Superior Refrigerator Mfg. Co., Inc.
915-917 N. Broadway, St. Louis 2, Mo.
Phone: CH. 1-0314.
C. Galli, pres.; W. H. Bowman, exec. v. p.; J. P. Galli, secy.-treas.
Manually operated soda drink dispensers; two-way mixing soda faucets.
Trade Names: Sodamaker; Artho.

Superior Tube Co.
Box 191, Norristown, Pa.
Phone: BRoadway 5-2070.
Branch Factory: Wapakoneta, Ohio.
C. A. Warden, Jr., pres.; P. E. Kelly, v. p.; R. H. Gabel, v. p.; H. B. Brown, Jr., gen. sales mgr.; D. W. Titlow, dir. of mktg. services & adv.; W. S. Butler, asst. adv. mgr.; E. W. Hayes, dir. of pur.; A. M. Bounds, chief metall.; C. W. Buler, prod. mgr.
Small diameter metal tubing—carbon and alloy, stainless steel, nickel and nickel alloys.
Trade Name: Weldrawn.

Superior Valve & Fittings Co.
1509 W. Liberty Ave., Pittsburgh 26, Pa.
Phone: LOcust 1-6700.
W. A. Siegfried, pres.; G. R. Allen, v. p. & sales mgr.; W. C. Yocum, v. p.-engrg.; E. L. Nickeson, pur. agt.
Valves, fittings, and accessories for refrigeration and air conditioning.
Trade Names: Sta-Tite; Hermetic Eye; Tuffy; Uni-Hole; Fitzall*; Trapz-All*; Sealz-All; Tellz-All.

Supreme-Aire Mfg. Co., Inc.
703 E. Hyde Park Blvd., P.O. Box 4397.
Inglewood 3, Calif. Phone: ORegon 8-1197.
G. N. McWalters, pres.; J. P. Carrier, v. p.; Wilson McLaren, plant mgr.; Jack White, production supr.
Air conditioning equipment; resistance heaters; heat pump equipment; roof top packages; air conditioning and gas fired equipment.

Sure Comfort Furnace Co.
900 Des Plaines Ave., Forest Park, Ill.
Phone: FO. 6-1060.
F. M. Horejs, pres.; F. A. Stanek, v. p.-treas.; H. F. Ostermann, v. p.-secy.
Gas and oil furnaces, gas conversion burners.

Surface Combustion, Div. of Midland-Ross Corp.
2375 Dorr St., Toledo 1, Ohio.
Phone: JE. 6-4611.
H. M. Heyn, group v. p.-Surface Div.; F. M. Johnson, mgr. air cond. div.; H. W. Bluethe, adv. mgr.; C. E. Rosene, pur. agt.; G. A. Kelley, chief engr.; C. E. Edwardson, factory mgr.
Air washers and chemical dehumidifiers.
Trade Name: Kathabar*.

Swan Humidifier Co., Inc.
149 Bath St., Ballston Spa, N. Y.
Phone: TU. 5-5055.
Branch: Montreal, Que., Can.
B. F. Wheeler, Sr., pres.; E. R. Wheeler, v. p.; B. F. Wheeler, Jr., secy.-treas. & gen. mgr.
Humidifiers: domestic, industrial, hospital.

Swartwout Fabricators, Inc.
100 E. North St., Kokomo, Ind.
Phone: GL. 9-5151.
G. V. Patterson, pres.; J. Real, v. p.; R. E. Parshall, gen. sales mgr.; F. Darnell, chief engr.
Power and gravity roof ventilators, evaporative roof cooling systems.
Trade Names: April Showers; Airmover; Rotary; Fiber-aire; Pyrojector.

Sweden Freezer Mfg. Co.
3401 17th Ave. West, Seattle 99, Wash.
Phone: AT. 3-9200.
Branch Factory: Columbus, Ohio.
H. F. Swenson, pres.; M. H. Patneaude, v. p.-sales; E. E. Palm, sales mgr.; D. A. Ballard, adv. mgr.; C. E. Berrisford, pub. rel. mgr.; C. L. Burton, export mgr.
Soft ice cream freezers; milk shake dispensers; soda fountains and fruit slush dispensers.
Trade Names: SoftServer; ShakeMaker; Soda Server; SlushMaker; Soft-Serv Fountain; Mix-Supplier.

Swift Lubricator Co., Inc.
716 Lake St., Elmira, N. Y. Phone: RE. 3-7166.
C. K. Burke, pres.
Sight glasses; boiler fittings.

Swift Mfg. Co., Inc.
13595 Helen Ave., Detroit 12, Mich.
Phone: TW. 3-5590.
J. Griffin, pres.; R. J. Erdman, v. p.; C. Jakeway, secy.-treas.; J. Carolin, sales; A. Szandzik, chief engr.; V. Burgess, pur. agt.
Fan blades.
Trade Name: Silent-Aire.

Syracuse Rubber Products Co., Inc.
Syracuse, Ind. Phone: GLobe 7-3141.
H. R. Anglemyer, pres.; W. J. Johnson, exec. v. p.; D. L. Pittman, v. p.-mfg.; C. B. Carpenter, Jr., sales mgr.; P. L. Lantz, pur. agt.; D. Allen, chemist.
Molded rubber parts.

T

TOT Towers Co.
5220 Lawndale, Houston 23, Texas.
Phone: WA. 3-2701.
M. R. Kerr, pres. & gen. mgr.; R. Kerr, v. p. & asst. mgr.
Cooling towers, nozzles, and float valves.

Taco Heaters, Inc.
1160 Cranston St., Cranston 9, R. I.
Phone: WIlliams 2-8000.
J. H. White, pres.; H. A. Essley, v. p.-operations; P. L. Quattrochi, gen. sales mgr.; J. Balter, adv. & sales prom. mgr.; R. B. Lynch, plant mgr. & pur. agt.
Centrifugal pumps, heat exchangers (shell & tube), heating specialties.
Trade Names: Paneltrol; Taco-Zone; Taco-Vent; Taco-Matic; Perfecta.

Taylor-Burch Refrigeration Products, Inc.
2524 Brooklyn Rd., Jackson, Mich.
Phone: ST. 3-2708.
E. A. Goddard, pres. & gen. mgr.; S. H. Gratton, v. p.; M. L. Burch, sales mgr.; H. C. Henderson, secy.-treas.
Packaged commercial refrigeration units.

Taylor Co., The Halsey W.
137 North St. N.W., Warren, Ohio.
Phone: 394-1511.
H. W. Taylor, bd. ch. & pres.; J. F. King, v. p. & sales mgr.; H. O. Bartlett, v. p. & adv. mgr.; T. R. Rose, v. p. & pur. agt.; P. H. Taylor, gen. mgr.; T. J. Puegner, chief engr.; G. A. Kistler, factory mgr.
Electric water coolers and drinking fountains.

Technical Filter Co.
2719 S. Poplar St., Chicago 8, Ill.
Phone: VIctory 2-1415.
Ray E. Cooper, owner.

Air filters.
Trade Names: Edgeseal; Honeycomb; U-Kut-It.

Techniflex, Div. of 601 W. 26 Corp.
55 Jersey Ave., Port Jervis, N. Y. Phone: 3-2207.
P. W. Terry, gen. mgr.; A. O. Woolsey, sales mgr.; T. C. Kuykendall, pur. agt. & compt.
Flexible metal hose; vibration eliminators; charging hoses.
Trade Name: Flex.

Tecûmseh Products Co.
Tecumseh, Mich. Phone: HArrison 3-7411.
Factories: Tecumseh; Columbus, Marion, Toledo, Ohio; Elkhart, Ind.; Grafton, New Holstown, Wis.
R. W. Herrick, bd. ch.; J. E. Layton, pres.; H. L. Spencer, exec. v. p.; T. W. Rundell, v. p.-engrg. & sales; A. S. Russell, adv. mgr.; F. V. Owen, dir. of pur.; R. A. Preston, chief engr.
Compressors, condensing units, and gasoline engines; thermoelectric couples.
Trade Names: Lauson*; Power Products*; Ohio Semiconductors.

Tekni-Craft
Rockton, Ill. Phone: 2-8333.
Carl Gorychka, managing partner; Dan Greenwood, managing partner-sales.
Ice cream and milkshake freezers.
Trade Names: Taylor Shakemaster*; Taylor Freezmaster*.

Tel-Tru Mfg. Co.
408 St. Paul St., Rochester 5, N. Y.
Phone: HA. 6-6757.
Leon Germanow, sales mgr.; Irving Germanow, pur. agt.
Bi-metallic dial type thermometers for testing purposes and general industrial uses.

Temco, Inc.
4101 Charlotte Ave., Nashville 9, Tenn.
Phone: CY. 7-7551.
F. D. Hart, pres.; R. N. Smith, 1st v. p.; C. F. Bauman, v. p.-mfg.; T. R. Brock, sales mgr.; L. R. Farber, sales prom. & mktg.; B. D. Moore, pur. agt.
Gas heating equipment and air conditioning.

Temprite Products Corp.
E. Maple Rd., Birmingham, Mich.
Phone: MIdwest 4-5700.
L. Emde, pres.; G. S. Moule, v. p. & treas.; C. V. Orr, asst. treas.; J. W. Archibald, sales mgr.; A. Christison, asst. sales mgr.; D. H. Morgan, pur. agt.; H. B. Castillo, chief engr.; W. Pollock, service mgr.; H. McCloskey, asst. service mgr.
Drinking water coolers; carbonators; instantaneous coolers; oil separators.

Tempromatic Corp.
P.O. Drawer 2406, Deland, Fla.
Phone: RE. 4-6884.
D. G. Bland, bd. ch.; R. C. Dukes, pres.; V. W. Tipton, exec. v. p. & secy.; C. E. Lowe, v. p.; C. B. Lowe, treas.
Air and water-source heat pumps, air conditioners.
Trade Name: Auto-Temp.

Temtrol, Inc.
P.O. Box 338, Okarche, Okla. Phone: CO. 3-7286.
A. M. Keyser, mgr.
Air conditioning, heating, ventilating, and heat transfer.

Tennessee Erector Service Co., Inc.
1341 Jackson Ave., Memphis 7, Tenn.
Phone: 276-4372.
H. C. Collier, pres.; C. A. Ray, v. p.
Special tools and fixtures; component parts semi-hermetic compressors.
Trade Name: Tesco.

Tenney Engineering, Inc.
1090 Springfield Rd., Union, N. J.
Phone: MU. 6-7870.
Branch Factory: Wilmington, N. C.
S. S. Schiffman, bd. ch.; M. Seligman, pres.; B. Sachs, exec. v. p.; R. H. Brown, v. p.; S. Shapiro, v. p.-refrig., heating & air cond. prods. div.; H. P. Peterson, sales mgr., refrig., heating & air cond. prods.; D. Zipser, chief engr.
Unit coolers; air conditioning coils; heating coils; gravity coils; automatic defrost equipment.
Trade Names: TW; TEH; MX; Hustler; AA; SL.

Terminals Div., Essex Wire Corp.
6233 Concord Ave., Detroit, Mich.
Phone: WAlnut 1-5600.
C. Henritzy, sales mgr.
Terminals.

Texaco, Inc.
135 E. 42nd St., New York 17, N. Y.
Phone: OXford 7-8000.
Refrigeration lubricants.
Trade Names: Capella; Waxfree.

Texas Products Mfg. Co.
919 Taylor, P. O. Box 571, Waco, Texas.
Phone: PL. 4-0305.
H. M. Kay, pres.; L. Clifton, v. p.; J. Nash, Jr., secy.-treas.
Air conditioning, residential and commercial.
Trade Name: Command-Aire.

Thatcher Furnace Co.
Center St., Garwood, N. J.
Phone: SUnset 9-1000.
R. M. Cook, pres.; E. B. Tuttle, v. p.-mfg.; F. L. Cowell, pur. agt.; J. H. Dinehart, chief engr.
Residential heating and air conditioning equipment.
Trade Names: Oilmaster; Comfortmaster; Thermaster.

Therm-Air Mfg. Co.
1000 No. Division St., Peekskill, N. Y.
Phone: PE. 7-6060.
G. Cooper, pres. & treas.; Arthur Zinkin, v. p.; R. Ares, v. p. & chief engr.; S. Arzt, secy. & pur. agt.; J. Curry, factory mgr.
Self-contained air conditioners.
Trade Name: Weathertrol.

Thermador Electrical Mfg. Co.
Div. of Norris-Thermador Corp.
5119 District Blvd., Los Angeles 22, Calif.
Phone: LU. 8-6131.
W. E. Cranston, pres.; H. J. Meany, v. p. & gen. mgr.; C. I. Harding, v. p.-prod.; F. A. Ballman, v. p. & sales mgr.; J. F. Sorenson, mgr. heat pump & air cond. sales; R. F. Gamble, adv. mgr.; J. H. Scott, pur. agt.; J. Bunch, chief engr.; W. R. Woolwine, factory mgr.; Frank Wales, service mgr.
Heat pumps; air conditioners.
Trade Names: L & H; Lectro-Host; Therma Cooler.

Thermal Controls, Inc.
41 River Rd., Arlington, N. J.
Phone: WY. 8-8080.
M. N. Glickman, pres. & treas.; V. M. Dinapoli, v. p.
Thermal time delays, switches, and vacuum fuses.

Thermal Engineering Corp.
2605 W. Dallas Ave., Houston 19, Texas.
Phone: JA. 8-1593.
J. C. Fontana, pres.; E. A. Rapp, v. p. & gen. sales mgr.; M. L. McGonagle, secy.
Air conditioning equipment.

Thermo Electronics, Inc.
Air Port Rd., P.O. Box 946, Laurel, Miss.
Phone: 428-1552.
W. M. Tittle, Sr., pres.; G. R. Klahn, v. p. & gen. mgr.
Air conditioning; heat pumps; air dryers.
Trade Name: Thermo Kool.

Thermo King Corp.
314 W. 90th St., Minneapolis, Minn.
Phone: TUxedo 1-2601.
J. A. Numero, pres.; M. B. Green, exec. v. p. & gen. mgr.; L. Rasmusson, v. p.-mfg.; R. W.

Porter, sales mgr.; L. N. Youngstrom, adv.; E. Brown, pur. dir.; L. Willis and M. Sutton, chief engrs.
Refrigeration and heating units for trucks, trailer, rail, and container units; cab and bus air conditioners.
Trade Name: Heat King.

Thermo Products, Inc.
309 Garfield St., North Judson, Ind.
Phone: TW. 6-2133; TW. 6-2134.
Branch Factory: Denton, N. C.
J. S. Cunningham, pres. & sales mgr.; C. W. Shank, v. p. & factory mgr.; H. M. Pugh, chief engr. & service mgr.
Domestic heating—gas and oil fired; domestic air conditioning; electric forced air furnaces.
Trade Names: Thermo Pride; Prideline; Thermo Pace.

Thompson Machine & Supply Co., Emery
1349 Inwood Ave., New York 52, N. Y.
Phone: LU. 8-7300.
T. Thompson, pres.; E. Thompson, v. p.; R. A. McCluskey, gen. mgr.; C. Mantis, pur. agt.
Ice cream freezers, low temperature cabinets.
Trade Name: E-T.

Thompson Mfg. Co., A. F.
740 S. Lyons St., Tyler, Texas.
Phone: LY. 4-9351-2.
J. L. Harry, gen. mgr.; C. W. Arnott, chief engr.
Room heaters and evaporative coolers.
Trade Names: Acme; Heatflo.

Thor Power Tool Co.
175 N. State St., Aurora, Ill. Phone: TW. 2-7601.
Branch Factories: LaGrange Park, Ill.; Chicago; Cincinnati; Los Angeles.
N. C. Hurley, Jr., bd. ch. & pres.; R. G. Faverty, v. p.; G. A. Thoma, adv. mgr.
Portable electric, pneumatic, and engine driven tools; conveyor belting; hose; rubber products; drying systems.
Trade Names: Speedway; Dry-Sys; Cincinnati.

Thor Tool & Die Co.
865 Estabrook St., San Leandro, Calif.
Phone: EL. 7-6777.
James P. Thor, pres.
Fastening tools, hand tools, and dies.

Tilden Tool Mfg. Co., Inc.
209 Los Molinos, San Clemente, Calif.
Phone: HY. 2-1168.
Factory: Deming, N. M.
Carl Tilden, pres.
Rotary carbide masonry drills.
Trade Names: Konkrete Kore Drills; Auger Point Drills; Hammerkore Bits.

Tinit Mfg. Co., Inc.
1635-39 Platte St., Denver 2, Colo.
Phone: GL. 5-2341.
Norval Olsen, pres.; G. A. McElroy, v. p.; E. M. Olsen, secy.-treas.
Tinning compounds; soldering paste; soldering, welding and brazing fluxes; automotive chemicals and hand cleaners; auto body tools; soldering fluxes.
Trade Names: Zip-Tin; Zip-Tite.

Tinnerman Products, Inc.
Dept. 16, P.O. Box 6688, Cleveland 1, Ohio.
Phone: SH. 1-9300.
A. H. Tinnerman, bd. ch.; R. C. Overstreet, pres.; J. E. Potter, v. p.; L. H. Flora, dir. of sales; E. E. Griger, sales mgr.; W. H. Gibbons, adv. mgr.; R. F. Merriam, pur. agt.; W. L. Seitz, chief engr.; S. J. Andrews, factory mgr.
Fasteners.
Trade Names: Speed Nuts*; Speed Clips*; Speed Clamps*; Speed Grips*.

Titan Metal Mfg. Co., Div. of Cerro Corp.
Bellefonte, Pa. Phone: EL. 5-4712.
Branch Factory: Newark, Calif.
R. H. Lightner, v. p.-sales; M. J. Rothrock, v. p.-pur.; J. E. Bryson, sales mgr., parts; J. W. Brown, sales mgr., rod.
Brass mill products and fabricated parts.

Titus Mfg. Corp.
Highway 20, W., P.O. Box 810, Waterloo, Iowa.
Phone: ADams 4-1771.
Branch Factories: Hialeah, Fla.; Terrell, Texas.
D. L. Titus, pres.; R. W. Titus, exec. v. p.; J. S. Smith, sales mgr.; J. D. Davis, adv. mgr.; R. N. Budak, pur. agt.; E. F. Averill, chief engr.; C. E. Morrisey, factory mgr.
Air distribution equipment, registers and grilles, sidewall, floor, and ceiling; circular, square, and rectangular ceiling diffusers, linear type diffusers and baseboard perimeter diffusers.
Trade Name: Airfoil.

Topflight Corp.
160 E. Ninth Ave., York, Pa.
Phone: YOrk 8-1541.
E. W. Huber, pres.; B. T. Morgan, v. p.; C. H. Krout, v. p.; R. M. Dent, sales dir.; D. W. Wardrop, adv. mgr.; F. D. Buttorff, pur. agt.; I. S. Falkler, factory mgr.
Identification, instruction and name plates; pressure-sensitive tape and other printed materials.
Trade Names: Permi-Cal; Print-Stix; Mical.

Torit Mfg. Co.
1133 Rankin St., St. Paul 16, Minn.
Phone: MI. 8-0391.
W. L. West, pres.; L. J. Koering, exec. v. p.; F. Chase, v. p. & sales mgr.; G. Huna, pur. agt.
Cabinet cloth filter and cyclone separator dust collectors; diamond collectors, mist collectors, exhausters, blowers and accessories for collectors and blowers; electronic air filters.

Tork Time Controls, Inc.
50 MacQuesten Pkwy., Mount Vernon, N. Y.
Phone: MOunt Vernon 4-3542.
C. J. White, pres.; D. J. White, exec. v. p. & sales mgr.; M. Bizzoco, mgr.-refrig. div.; M. Riback, pub. rel. mgr.; E. H. Klein, pur. agt.; A. Tauffner, engrg.; M. C. Rungo, service mgr.
Time switches for commercial defrosting.

Torrington Mfg. Co., The
100 Franklin Dr., Torrington, Conn.
Phone: HU. 2-4422.
Branch Factories: Rochester, Ind.; Van Nuys, Calif.; Watertown, Conn.; Oakville, Ont., Can.
S. W. Farnsworth, bd. ch.; A. Gagarin, pres.; C. A. Hathaway, v. p. & gen. mgr.; D. B. Robinson, v. p.-sales; L. C. Lindstrom, sales mgr.; K. E. O'Shaughnessy, sales mgr.; J. J. Breen, pur. agt.
Blower wheels, fan blades, mixed flow blowers, centrifugal fans, blower units.
Trade Names: Airotor; Airistocrat; Radiax; Vari-basic.

Trane Co., The
La Crosse, Wis. Phone: 2-8000.
Branch Factories: Scranton, Pa.; Clarksville, Tenn.; Salt Lake City; Toronto, Ont., Can.
F. G. Hood, bd. ch.; D. C. Minard, pres.; W. J. Hood, exec. v. p. & treas.; T. Hancock, exec. v. p.; R. J. Trane, exec. v. p.; A. C. Menke, v. p.-air cond. & htg. sales; M. L. Erickson, v. p.-Scranton plant; R. H. Pearse, v. p.-pur.; H. C. Rooks, v. p.-engrg.; D. F. Spirduso, adv. mgr.; H. Watson, service mgr.; D. B. Reed, export mgr.
Air conditioning, heating, ventilating, and heat transfer equipment.
Trade Names: Torrivent*; Wall-Fin; UniTrane*; Climate Changer; CenTraVac*.

Transicold Corp.
1100 So. Taylor Ave., Montebello, Calif.
Phone: OV. 5-8480.
J. H. Grim, pres.; Carl Cheadle, controller; D. J. Morehead, dir. mktg. & sales; A. G. Freeman, pur. agt.; Leo Block, chief engr.; Robert Crowl, nat'l service mgr.
Air conditioning and refrigeration equipment; bus, truck or trailer, railway car, special applications.

Transimatic Co.
209 S. Washington, Sedalia, Mo.
Phone: TA. 7-0964.
R. E. Rodick, mgr.
Electronic remote controls.

Transportation Cooling Div., McGraw-Edison Co.
5201 W. 65th St., Chicago 38, Ill.
Phone: PO. 7-6232.
A. K. Burkell, pres.; C. Emerson, sales mgr.; E. R. Rundell, adv. mgr.; R. Van Ham, pur. agt.
Transport refrigeration (trailer, truck, bus).
Trade Names: TropicAire*; TropicAire/Coldmobile*; Coldmobile*.

Transue & Williams Steel Forging Corp.
562 W. Ely St., Alliance, Ohio.
Phone: TAlbot 1-5740.
R. McPhail, bd. ch.; J. C. Redmond, pres.; E. M. Cook, exec. v. p.; C. J. Brunn, v. p.-sales (Stamping Div.); J. W. Ament, v. p.-sales (Forge Div.); E. Glauser, v. p.-mfg. (Stamping Div.); W. H. Murphy, v. p.-mfg. (Forge Div.); H. C. Martin, pur. agt.; F. Hoffman, chief engr. (Stamping Div.); P. D. Smith, chief engr. (Forge Div.).
Drop, upset, and press forgings and deep drawn stampings.

Traulsen & Co., Inc.
131-05 Sanford Ave., Flushing 52, N. Y.
Phone: IN. 3-9000.
H. Traulsen, pres.; J. J. Loris, v. p.; W. G. Albrecht, v. p.; R. Marshall, asst. sales mgr.; E. Redo, asst. sales mgr.
Commercial refrigerators and freezers.
Trade Name: Fish File.

Tremco Mfg. Co.
10701 Shaker Blvd., Cleveland 4, Ohio.
Phone: SW. 1-1900.
Factory: Toronto, Ont., Can.
W. C. Treuhaft, pres.; H. Pilskaln, mktg. mgr., Industrial Div.
Sealants: non-drying, odorless; extruded, gunnable, pumpable, thumbing; heat curing sealants; insulation and protective coating, low odor.

Trent Tube Co.
498 S. Church St., East Troy, Wis.
Phone: MIdway 2-7321.
Branch Factory: Fullerton, Calif.
F. E. Wenzel, pres.; F. E. Beitner, v. p.-sales; J. J. Harley, secy.-treas.; S. R. Erickson, pur. agt.
Welded stainless steel and high alloy tubing and pipe.
Trade Names: Trentweld; Contour Trentweld.

Triangle Conduit & Cable Co., Inc.
P.O. Box 711, New Brunswick, N. J.
Phone: KIlmer 5-6900.
Branch Factory: Landisville, N. J.
C. S. Menger, pres. & chief exec. officer; J. G. Slater, ch. of finance; E. J. Simmons, dir. sales.
Wire and cable, electrical conduit, plastic and fiber pipe, and copper tube.

Triangle Engineering Co.
939 W. 35th St., Houston, Texas.
Phone: OV. 6-6443.
H. G. Wells, pres. & gen. mgr.; W. W. Sampsel, secy.-treas.; Bill Taylor, sales mgr.
Turbine ventilators, S Caps, flashings, fan sections, power ventilators.
Trade Name: Aero-Foil.

Triangle Mfg. Co.
740 Division St., Oshkosh, Wis.
Phone: BE. 5-3710.
F. J. Sullivan, bd. ch.; Roy Sullivan, pres.; C. F. Carrier, sales mgr.; N. D. Graf, pur. agt.; S. M. Hitchcock, chief engr.; D. G. Green, factory mgr.
Bearings, pillow block bearings, bearing mountings.

Trindl Products, Ltd.
1807 S. Clark St., Chicago 16, Ill.
Phone: VIctory 2-7716.
J. H. Trindl, pres.; J. H. Trindl, Jr., v. p. & gen. mgr.; L. Arnston, secy.
Electric arc welders and electronic pipe thawers.
Trade Name: Therm-O-Tron Pipe Thawer.

Trion, Inc.
1000 Island Ave., McKees Rocks, Pa.
Phone: FE. 1-3300.
E. W. Meyers, Jr., pres.; R. R. Pryor, v. p.-sales; G. F. Landgraf, v. p.-engrg.; N. F. Eichelsbacher, v. p.-mfg.; W. R. Murdock, com'l sales mgr.; R. L. Anthony, adv. mgr.; T. G. Dougan, pur. agt.; A. Kondas, service mgr.
Electrostatic air cleaners, residential, industrial, commercial, and custom.
Trade Name: Automatic Housekeeper*.

Triple "AAA" Co.
14 N.E. 13th St., P.O. Box 1027,
Oklahoma City 1, Okla. Phone: CE. 6-1616.
D. G. Carpenter, pres.; G. B. Duff, v. p.; M. W. Cox, secy.; R. A. Baker, treas.; A. B. Carpenter, mgr. refrig. div.
Bulk dispensing equipment for soft drinks.
Trade Name: Taco.

Truco Masonry Drilling Div.
Wheel Trueing Tool Co.
3200 W. Davison Ave., Detroit 38, Mich.
Phone: TO. 9-8900.
Branch Factories: Dallas; Los Angeles; Bloomfield, N. J.; Windsor, Ont., Can.
H. B. Wallace, bd. ch.; R. S. Fowler, v. bd. ch.; H. E. Robison, pres.; H. W. Wallace, v. p.; D. J. Wallace, v. p.; W. E. Lloyd, secy.-treas.; K. J. Klapka, sales mgr.-masonry.
Diamond drill bits, diamond blades, abrasive blades, drilling machines, saws.
Trade Names: Truco; Trubond; Tru-Line; Tru-Vac.

True Mfg. Co., Inc.
9500 True Dr., St. Louis 32, Mo.
Phone: HArrison 7-2202.
Robert J. Trulaske, gen. mgr.
Beverage Coolers.

Tube Form Control, Inc.
11724 Wormer, Detroit 39, Mich.
Phone: KE. 7-3010-1.
D. J. Mayville, Sr., pres.; D. J. Mayville, Jr., v. p. & gen. mgr.
Fabricators of ferrous and non-ferrous tubular parts.
Trade Name: T.F.C.

Tube Manifold Corp.
423 Bryant St., North Tonawanda, N. Y.
Phone: NX. 3-7900.
C. D. Matthews, pres.; John Burns, exec. v. p.; R. A. Creveling, treas.; D. B. Ireland, sales mgr.
Liquid receivers, receiver-driers, accumulators, filter-driers, condensers, compressor mufflers, disposable containers (Freon).
Trade Name: TMC*.

Tube Turns Div. of Chemetron Corp.
Louisville 1, Ky. Phone: JUniper 7-7551.
Factories: Louisville; Houston; Los Angeles.
J. G. Seiler, pres.; J. E. Chumbley, Jr., v. p.; T. H. Pike, Jr., v. p.; J. D. Mattimore, v. p.; J. A. Henby, v. p.; J. D. Tolliver, sales mgr.; E. A. Andes, adv. mgr.; F. E. MacDonald, controller; R. J. Dilger, pur. agt.
Seamless welding fittings, forged flanges, bellow expansion joints, hinged closures.
Trade Name: Pipe-Mate*.

Tube Turns Plastics, Inc.
30th & Magazine Sts., Louisville 11, Ky.
Phone: SP. 5-6431.
C. B. McLaughlin, pres.; J. P. Knopf, v. p.; E. A. Erich, v. p.-sales; E. A. Andes, adv. mgr.
Industrial thermoplastic pipe, fittings, flanges, and valves.
Trade Name: Thermo-Seal.

Tubenfin Coils, Div. of A.R.A. Mfg. Co.
P.O. Box 685, Grand Prairie, Texas.
Phone: ANdrew 4-1611.
J. O. Toler, pres.; D. A. Brown, v. p. & gen. mgr.; C. H. Reeser, sales mgr.; A. P. Brandimarte, chief engr.
Evaporators, condensers, air-cooled condensers, special finned coils, and automotive air conditioning coils.

Turner Corp.
821 Park Ave., Sycamore, Ill.
Phone: SYcamore 4545.
H. V. Engh, bd. ch.; H. V. Engh, Jr., pres.; W. F. Vanderbeek, v. p.-sales; W. L. Lindgren, v. p.-mfg.; M. L. Stark, sales mgr.; G. G. Harrison, sales prom. mgr.; J. H. Joseph, pur. agt.
Propane torches, melting furnaces, halide leak detectors, portable stoves and lanterns, gasoline torches and firepots.

Tuthill Pump Co.
939 E. 95th St., Chicago 19, Ill.
Phone: REgent 4-7420.
J. G. Tuthill, pres.; M. J. McCaughey, sales mgr.; B. J. Bartnicki, pur. agt.; E. H. Schanzlin, chief engr.; M. M. Williams, factory mgr.
Pumps and valves.
Trade Names: Powermite; Powermax.

Tuttle & Bailey, Div. of Allied Thermal Corp.
215 Warren St., New Britain, Conn.
Phone: BA. 9-4821.
Branch Factory: City of Industry, Calif.
Stanley Hart, bd. ch.; G. W. Copeland, pres.; G. Heeringa, v. p.; D. D. O'Neill, gen. sales mgr.; R. D. Tutt, dir. of mktg.; F. W. Adams, sales mgr.-Air Distribution; R. S. Rickabaugh, sales mgr.-Hydronics; C. Borg, pur. agt.; W. L. Batchelor, chief engr.; E. Fredericks, service mgr.
Diffusers, grilles, and registers; baseboard radiation.
Trade Names: Tri-Flex; Aerovane; Aerofuse; Imperialine.

Tuttle & Co., H. W.
805 S. Evans, Tecumseh, Mich.
Phone: HA. 3-2101.
Branch Factory: Waterloo, Que., Can.
M. K. Tuttle, pres.; H. W. Tuttle, Jr., exec. v. p.; J. P. Jones, v. p.-engrg. & mfg.
Electric heating elements, resistors.
Trade Names: Nykelkrom; Adaptatherm.

Tuttle Electric Products, Inc.
Kirkland, Ill. Phone: 2-3321.
A. W. Hackman, pres.; W. R. Seeley, v. p.-sales; B. W. Hines, v. p.-engrg.; N. R. Sadewater, secy.-treas.
Supplement heaters, switches, controls.
Trade Name: TEP*.

XXth Century Heating & Ventilating Co., The
96 Ira Ave., Akron 1, Ohio. Phone: PO. 2-2111.
J. Garver Kerch, pres.; R. K. Long, v. p.-engrg.; J. G. Kerch, Jr., sales mgr.
Air-cooled, self-contained, and split air conditioning; cast iron gas, oil, and coal fired furnaces.
Trade Names: Zeph-Air; Ekonomaster.

Tyler Refrigeration Corp.
1329 Lake St., Niles, Mich. Phone: MU. 3-2000.
Branch Factories: Waxahachie, Texas; Smyrna, Del.; Cincinnati; Tilbury, Ont., Can.; Schwelm, Westfalen, Germany.
R. L. Tyler, Sr., pres.; G. H. Mayhew, v. p. & treas.; Bob Tyler, Jr., v. p.-admin.; Paul Jackel, v. p.-national accts.; R. L. Greene, v. p.-sales; Sam Vander Weg, v. p.-mfg.; J. B. Hennion, adv. dir.; F. Brandon, customer rel.; Earl Crawford, pur. agt.; L. Hickox, chief engr.; R. Rupert, factory mgr.; R. Howieson, service mgr.; J. R. Alvarez, international pres.
Welded steel refrigerated sales cases and condensing unit assemblies; shelving and checkouts.
Trade Names: Wilson; Champion; Dry Kold; Draw Kold; Air-Skreen; Becht.

Typhoon Air Conditioning Div. of Hupp Corp.
505 Carroll St., Brooklyn 15, N. Y.
Phone: ULster 8-0800.
D. V. Petrone, pres.; J. A. Gilbreath, v. p.-sales; A. H. Farr, asst. to pres.; M. M. Kabili, v. p.-mfg.; I. Rothfarb, compt.; N. Reitman, adv. & sales prom. mgr.
Air conditioning and heating equipment.

Typhoon Heat Pump, Div. of Hupp Corp.
2001 Garcia Ave., P.O. Box 1123, Tampa 1, Fla.
Phone: 8-2191.
H. W. Jobes, v. p. & gen. mgr.; R. E. Pillat, sales mgr.; J. J. Stanard, controller; C. W. Cleaver, pur. agt.; L. A. Nielsen, factory mgr.
Air and water source residential, commercial, and industrial heat pumps, water chillers.

Tyson Metal Products, Inc.
6815 Hamilton Ave., Pittsburgh 8, Pa.
Phone: MO. 1-2453.
Branch Factory: Clearfield, Pa.
N. N. Tyson, pres. & sales mgr.; W. B. Tyson, pur. agt.; David Bergen, factory supt.; David Evans, plant design services; Allen Tyson, designer.
Stainless steel refrigeration equipment.
Trade Name: Ty-Bro.

U

Uhrden, Inc.
508 Grant St., Dennison, Ohio.
Phone: WAlnut 2-5414.
K. L. Cook, pres.; R. E. DeCrane, v. p.-sales; P. L. Jarvis, v. p.-adv. & sales prom.
Hand trucks, platform trucks, dumpers, stackers, portable hydraulic hoists and cranes.
Trade Names: Tubar; Tubarlift; Tubar Hi-Dump.

Uniflow Mfg. Co.
East Lake Rd., Erie, Pa. Phone: GL. 2-3265.
C. A. Kuebler, pres.; T. L. Kuebler, v. p.; T. A. Martin, sales mgr.; Robert Kubeja, asst. sales mgr.; A. C. Kish, pur. agt.; R. C. Kreider, factory mgr.; H. D. Sheldon, export mgr.
Commercial refrigeration.
Trade Name: Kold Draft.

Unilectric, Inc.
405 South Sixth St., Milwaukee 4, Wis.
Phone: BR. 2-0694.
Branch Factory: Frankfort, Ind.
H. W. Hoard, pres.; R. Evinrude, v. p.; Dan Rusch, pur. agt.; R. Petroske, chief engr.; E. Thompson, supt.
Molded rubber sockets, other components; plastic parts, electric wiring harnesses, power supply cords.
Trade Names: Unitwire; Nu-Blok; Twin-Blok; Wabana.

Union Carbide Chemicals Co., Div. of Union Carbide Corp.
270 Park Ave., New York 17, N. Y.
Phone: LL. 1-2345.
E. E. Husted, mgr. Fluorocarbons; C. F. Gray, sales mgr., Ucon refrigerants.
Chemicals and compounds; refrigerants.
Trade Names: Ucon; Tergitol.

Union Carbide Development Co., Div. of Union Carbide Corp.
270 Park Ave., New York 17, N. Y.
Phone: LL. 1-5787.
L. S. Kelly, project mgr.; K. M. Hillas, filter project mgr.; D. K. Harrison, mktg. mgr.
Air filters.
Trade Name: Ulok.

Union Carbide Plastics Co., Div. of Union Carbide Corp.
270 Park Ave., New York 17, N. Y.
Phone: LL. 1-2345.
Branch Factories: Torrance, Calif.; Ottawa, Ill.; Marietta, Ohio; Bound Brook, N. J.
R. M. Joslin, v. p.-sales; R. W. Boggs, adv. mgr.
Plastics and resins; coating materials; molding materials.
Trade Names: Bakelite; Krene; Vinylite.

Union Iron Works
1500 Cascade St., Erie, Pa. Phone: GL 4-8164.
E. T. Knobloch, pres.; R. E. Sevin, v. p.-sales; O. E. Henning, v. p. & asst. secy.
Steam generators and high temperature-high pressure hot water boilers, and process heating equipment.
Trade Names: Type MH; Type VO; Type S; Type O.

Union Steel Chest Corp.
54 Church St., Le Roy, N. Y. Phone: 584.
O. J. Mitchell, pres.; O. J. Mitchell, Jr., v. p.; Gilman Perkins, sales mgr.; F. M. Robinson, adv. mgr.; S. F. Pratt, factory mgr.
Steel tool boxes, utility chests, parts cabinets.
Trade Names: Super Steel; Utilco; Stackmaster.

Union Steel Products Co.
500 N. Berrien St., Albion, Mich.
Phone: NA. 9-2181.
W. C. Dean, pres.; D. H. Bitney, v. p.; C. W. Steinhauer, v. p.; L. Butters, pur. agt.; L. L. Reed, dir. engrg.
Wire shelving, freezer and refrigerator baskets, ice tray racks, juice dispensers, wire on tube evaporators, welded wire mesh, collapsible for fork truck use.
Trade Names: Palletainers; Ziprtop; Hi Lo; Wendway.

Unistrut Products Co.
933 W. Washington Blvd., Chicago, Ill.
Phone: MOnroe 6-2665.
Branch Factory: Wayne, Mich.
George Butler, pres.; Ralph Butler, exec. v. p.; John Heslin, v. p.-sales; F. W. Ingraham, sales mgr.; Dan Avers, adv. mgr.
Racks and metal framing; electrical and mechanical framing and supports; partitions; shelving and displays; assemblers.
Trade Names: Rotocon; Met-L-Strut; ColorLine; Kurlok.

United Control Repair Co.
151 East 126th St., New York 35, N. Y.
Phone: ENright 9-3140.
Russell Teller; C. B. Dribben.
Refrigeration controls, relays, timers and units.

United Cork Companies
Ft. of Central Ave., Kearny, N. J.
Phone: MA. 2-1600.
H. H. Bose, pres.; E. C. Ward, exec. v. p.; W. E. Stewart, sales mgr.
Low temperature insulation, cork board and expanded polystyrene.
Trade Names: Block Baked; Uni-Crest.

United Electric Co.
501 Galveston St., P.O. Box 119,
Wichita Falls, Texas. Phone: 767-8333.
S. A. Gaines, gen. mgr.; M. W. McCall, asst. gen. mgr.; Craig Gaines, chief engr.; Riley Cook, plant supt.
Evaporator and condenser coils; hot water, chill water, and steam coils; air-cooled condensers, air handling units, evaporative coolers.
Trade Name: Magic Aire.

United Electric Controls Co.
85 School St., Watertown 72, Mass.
Phone: WAlnut 6-1000.
Branch Factory: Dorval, Que., Can.
A. W. Reis, pres.; S. T. Herr, exec. v. p.; G. Clapp, v. p.-sales; G. McNally, secy.-treas.; L. E. Pratt, dir. mktg.; R. Rando, dir. materials & products.
Temperature, pressure, and vacuum controls for marine, industrial, aircraft, and special applications.

United Friguator Engineers
2433 13th St., Menominee, Mich. Phone: 5855.
Beverage coolers.

United Mineral & Chemical Corp.
16 Hudson St., New York 13, N. Y.
Phone: BEekman 3-8870.
Branch Factory: Brooklyn.
Alexander Lipetz, pres.; Herman Leeds, sales mgr., Tape Div.
Urethane foam plastic tape.
Trade Name: Tesamoll.

United Refrigerator Co.
Locust & Walnut Sts., Hudson, Wis.
Phone: DUpont 6-5577; St. Paul, CApital 7-6389.
L. U. Shapiro, pres.; J. C. Gordon, v. p. & adv. mgr.; R. E. Sundblad, v. p.-mfg.; F. J. Payson, sales mgr. & export mgr.; R. E. Mader, compt. & treas.; D. W. Foss, pur. agt.; E. R. Fairbanks, chief engr.-refrig.
Commercial, farm, and home freezers; bulk and home milk dispensers; portable refrigerators; refrigerated storage cabinets.

United Sensor & Control Corp.
122 Naubuc Ave., Glastonbury, Conn.
Phone: ME. 3-2867.
A. W. Reis, pres.; E. M. Moffatt, v. p. & gen. mgr.; G. W. McNally, secy.
Aircraft and industrial instruments.

United Sheet Metal Co., Inc.
883 N. Cassady, Columbus, Ohio.
Phone: CL. 3-8621.
Branch Factory: Stockton, Calif.
J. D. McGill, pres.; W. M. Harmon, v. p. & chief engr.; Evan Lilygren, sales mgr.; E. L. Gross, pur. agt.
Duct and fittings for air movement.
Trade Names: Spiral; Laminar-Flo; Duct-D-fuser.

United States Air Conditioning Corp.
Delaware, Ohio. Phone: 363-1231.
G. W. Way, pres.; W. Moiselle, asst. to pres.; R. D. McLain, sales mgr.; R. Shank, pur. agt.; W. Timby, chief engr.; C. Roberts, factory mgr.; T. Tisdel, service mgr.; J. Rowman, export mgr.
Fans, coils, self-contained packaged air conditioners, split systems; air cooled and water cooled condensers, water chillers, individual heating and cooling units.
Trade Name: usAIRco.

United States Gypsum Co.
300 W. Adams St., Chicago 6, Ill.
Phone: ST. 2-6100.
Branch Factory: Wabash, Ind.
J. D. Sheldon, indus. sales mgr.; F. C. Williams, mdse. mgr., Mineral Fiber Prod.; G. H. Huntley, dir. of pur.
Disposable glass fiber air filters, mineral fiber thermal insulation.
Trade Names: Dustgard; U.S.G.

U.S. Industrial Chemicals Co., Div. of National Distillers & Chemical Corp.
99 Park Ave., New York 16, N. Y.
Phone: OX. 7-0700.
Factories: Ashtabula, Ohio; Tuscola, Ill.; Houston.
J. E. Bierwirth, bd. ch.; R. F. Coppedge, Jr., pres.; R. H. Hulse, exec. v. p. & gen. mgr.; A. R. Ludlow, Jr., v. p.-sales.
Industrial chemicals.
Trade Names: Petrothene*; Polyethylene; Solox*.

United States Register Co.
Battle Creek, Mich. Phone: WO. 8-8171.
Branch Factories: Minneapolis; Kansas City, Mo.; Albany, N. Y.
C. J. Pearson, v. p.
Registers, grilles, and accessories.

United States Rubber Co., Mechanical Goods Div.
1230 Ave. of the Americas, New York 20, N. Y.
Phone: CIrcle 7-5000.
Factory: Passaic, N. J.
H. E. Humphreys, Jr., bd. ch.; G. R. Vila, pres.; L. J. Healey, v. p.; H. E. Dadson, adv. mgr.
Belts, tape, door seals and gaskets; diaphragms.

U. S. Steel Supply Div., U. S. Steel Corp.
208 S. LaSalle St., Chicago 4, Ill.
Phone: CE. 6-9200.
J. H. Morava, pres.; K. P. Rindfleisch, v. p.-

com'l; J. C. Cushing, asst. v. p.-com'l; L. E. Olson, adv. mgr.
Pipe; sheet metal; tubing.

United States Testing Co., Inc.
1415 Park Ave., Hoboken, N. J.
Phone: SWarthmore 2-2400.
Branch Laboratories: New York City; Boston; Philadelphia; Chicago; Memphis; Tulsa; Denver; Dallas; Los Angeles.
A. L. Brassell, pres.; H. M. Block, v. p.; J. A. Nary, v. p.; S. B. Walker, secy.-treas.; F. L. Fish, dir. of branch labs.; J. A. Sapienza, sales mgr.-engrg.
Independent commercial testing, evaluation and research laboratories; manufacturer of select scientific testing instruments.

U. S. Vending Corp.
207 Centre St., New York 13, N. Y.
Phone: WAlker 5-3168.
Automatic ice cube vending machines.

United Steel & Wire Co.
27 Fonda St., Battle Creek, Mich.
Phone: WO. 2-5571.
C. W. Wiener, bd. ch.; L. B. Genebach, pres.; F. McManus, v. p. & gen. mgr.; C. Valcek, v. p.-mktg.; W. J. Wildern, v. p.-contract.
Welded wire refrigerator shelves and baskets; oven racks.

United Wire & Supply Corp.
1497 Elmwood Ave., Providence 7, R. I.
Phone: STuart 1-3000.
Branch Factories: Cranston, Warwick, R. I.
G. S. Champlin, bd. ch. & exec. v. p.; F. W. Sullivan, pres.; J. G. Landrigan, gen. sales & adv. mgr.; C. A. Morris, dist. sales mgr., Chicago; H. A. Soucy, pur. agt.; E. H. Burdon, asst. gen. mgr.
Aluminum, copper, and copper base alloy seamless tubing and wire; low temperature silver brazing alloys and fluxes; copper water tube; refrigeration tube; automotive, general purpose aluminum and copper tube.
Trade Names: Phoson; Sil Bond; Sil Flux; U.D.D.

Universal Cabinet Div. of
Universal Metal Products Corp.
5661 Natural Bridge, St. Louis, Mo.
Phone: COlfax 1-1166.
S. S. Adams, Jr., pres.; E. M. Hoefle, v. p. & sales mgr.; F. L. Tupper, v. p.
Refrigerated cabinets for storage and display.

Universal Diffuser Corp.
155 Saw Mill River Rd., Yonkers, N. Y.
Phone: GR. 6-2100.
Chas. Davies, pres.; I. B. Davies, v. p. & secy.; B. A. Kane, treas.; Wm. Goffman, asst. to pres.
Air diffusers, registers, and grilles.
Trade Names: Flexiflo; Line-Air.

Universal Dynamics Corp.
4200 Wheeler, Alexandria, Va. Phone: TE. 6-7030.
E. N. May, exec. v. p.; K. L. Burns, sales mgr.; C. D. Grinnell, sales prom. mgr.; D. L. Watson, chief engr.
Dehydrating systems and instruments, blowers, humidistats, dehumidifiers, and gas dryers.
Trade Name: Una-Dyn.

Universal Electric Co.
300 E. Main St., Owosso, Mich.
Phone: SAratoga 5-7174.
George Hoddy, pres.; A. E. Kerscher, v. p. & sales mgr.
Shaded pole, permanent split capacitor, skeleton and brush-type motors.

Universal Metal Hose Co.
2133 S. Kedzie Ave., Chicago 23, Ill.
Phone: 277-0700.
L. S. Raisch, pres.; A. M. Younger, sales mgr.; M. A. Ewald, pur. agt.
All-metal flexible hose and tubing products.

Universal Screw Co., Div. of M.S.L. Industries
2401 Brummel Pl., Evanston, Ill.
Phone: DAvis 8-0450.
A. R. Meyer, pres.; M. W. Sennett, sales mgr.; L. W. Krashen, compt.
Screws; bolts; nuts; washers.
Trade Name: Uni-Point.

Universal Water Softener Co.
1400 Reed Rd., Geneva, Ill. Phone: CE. 2-7125.
K. G. Sims, pres. & sales mgr.; H. Swanson, plant supt.
Water softeners, filters, and chlorinators for commercial application.
Trade Names: All-O-Matic; Uniclor.

Utica Radiator Corp.
2201 Dwyer Ave., Utica, N. Y.
Phone: SWift 7-1310.
R. E. Reed, pres.; J. F. Benson, treas.; D. Dudgeon, engr.
Cast iron baseboard, boilers, radiators.
Trade Names: Starfire; Donobilt; Hi & Lo.

Utility Fan Corp., Div. of Utility Appliance Corp.
911 E. 59th St., Los Angeles 1, Calif.
Phone: AD. 2-6233.
V. M. Carter, pres.; H. S. Leo, exec. v. p.; Marc McGuire, div. mgr.; K. Hanke, chief engr.
Standard, heavy, and industrial duty centrifugal blowers and accessories.
Trade Names: Vent Set; ED Set; Im-Pak; Am-Pak.

Utility Refrigerator Co.
5871 Rodeo Rd., Los Angeles 16, Calif.
Phone: UPton 0-4629.
B. J. Chapman, gen. mgr.; E. P. DeVreugd, design engr.; E. Sweeney, export mgr.
Commercial refrigeration.

V

Vaco Products Co.
317 E. Ontario, Chicago Ill. Phone: WH. 4-2340.
Branch Factory: Jonesville, Mich.
H. Silverstein, pres.; R. Vetzner, v. p.-sales.
Hand Tools; Solderless Terminals.
Trade Name: Lynn Lightning.

Vacooler Co.
309 Fuller Rd., Elyria, Ohio. Phone: GL. 8-4535.
G. W. Crowther, pres. & gen. mgr.; R. A. Crowther, v. p.; Dorothy G. Crowther, secy.; C. B. Lawton, treas.
Vacuum bulk milk coolers, tank washers.

Valcor Engineering Corp.
365 Carnegie Ave., Kenilworth, N. J.
Phone: CH. 5-1665.
M. A. Kreitchman, pres.; Murray Maslow, gen. sales mgr.; E. J. Dwyer, asst. sales mgr.; D. Pellington, plant mgr.
Solenoid valves.

Van Packer Products, Div. of The Flintkote Co.
30 Rockefeller Plaza, New York 20, N. Y.
Phone: PLaza 7-5500.
Branch Factory: Buda, Ill.
W. H. Mortonson, mdse. mgr., indus. stacks; R. J. Mulligan, mdse. mgr., factory built chimneys.
Factory-built tile lined chimney; refractory industrial stacks.

Vendoriator Mfg. Co.
2550 S. Railroad Ave., Fresno, Calif.
Phone: AMherst 6-9401.
Branch Factory: Pinedale, Calif.
S. L. Childers, pres.; H. M. Tripp, exec. v. p.; Paul Selzer, v. p., sales & mktg.; E. H. Behrend, v. p.-mfg.; E. L. Majors, sales mgr.; M. J. Klamann, mdsg. mgr.; L. E. Keeton, compt.
Soft drink vending equipment.

Venteo, Inc.
7495 Westover, Houston, Texas.
Phone: MI 5-3303.
H. M. Rich, pres.; Mrs. H. M. Rich, secy.-treas.; E. M. Kay, sales mgr.
Fan blades; guards, wire; venturies.
Trade Name: Safety-spiral.

Ventil-Aire Corp.
1815 Decatur St., Brooklyn 27, N. Y.
Phone: VA. 1-6330.
Branch Factory: Jamaica, N. Y.
C. L. Rossberger, pres. & chief engr.; J. N. Ross, v. p.; A. S. Ross, v. p.-engrg.; Mrs. E. Arndt, comptroller.
Roof mounted heating and air conditioning, fuel pumping units.

Veri Products Co.
8 Brush St., Pontiac, Mich. Phone: FE. 4-0909.
D. R. Borgeson, gen. mgr.; D. Snyder, secy.-treas.
Cleaners and scale remover algaecide.
Trade Name: Skal-Away.

Vering, Inc.
9108 Bandera St., Los Angeles 2, Calif.
Phone: LOrain 4-3271.
G. Forster, v. p. & sales mgr.; H. K. Oertle, gen. mgr.; E. Levick, pur. agt.; R. Weber, factory mgr.
Biological refrigerators; military refrigerators; mortuary refrigerators; reach-in refrigerators; walk-in refrigerators.

Vibration Eliminator Co., Inc., The
10-28 47th Ave., Long Island City 1, N. Y.
Phone: RA. 9-2500.
Branch Factories: Westbury, N. Y.; Rushville, Ind.
B. A. Doane, sales mgr.
Vibration eliminating pads, bases, etc.

Vibration Mountings & Controls, Inc.
98-25 50th Ave., Corona 68, N. Y.
Phone: HI. 6-2370.
B. A. Ross, pres.; J. Spachner, v. p.; R. L. Booth, v. p.-engrg.; J. J. Wilson, sales & adv. mgr.; H. Schavlan, pur. agt.; C. G. Gilbert, chief design engr.
Shock and vibration control; noise reduction; mountings and materials; flexible pipe connectors; expansion joints.
Trade Names: Spring-Flex*; Shear-Flex*; Cork-Flex*; Cork-Rib*; Fabri-Flex*; Quiet Flex*; Neo-Shear*; Flex-Plates*.

Vic Mfg. Co.
1313 Hawthorne Ave., Minneapolis 3, Minn.
Phone: FE. 2-8661.
O. Victor, pres.; I. Victor, exec. v. p.; C. Sipkins, v. p.; E. Zink, asst. treas.
Liquid chillers, plastic mold chillers, heat exchangers, water temperature control valves.

Victaulic Co. of America
P.O. Box 509-X, Elizabeth, N. J.
Phone: MU. 7-2200.
Branch Factories: Los Angeles; Houston, Odessa, Texas; Casper, Wyo.; Farmington, N. M.; New York City.
R. W. English, pres.; J. E. St. Clair, exec. v. p.; F. X. Costanzo, v. p.; R. J. Schickel, adv. mgr.; J. G. Hurley, pur. agt.; J. S. Young, chief engr.; H. M. Sweet, dev. engr.; M. B. Harding, plant mgr.; A. G. Baldwin, export mgr.
Pipe couplings, fittings, and tools.
Trade Names: Roust-A-Bout*; Snap-Joint*; Vic-Easy*; Vic-Groover*; Plainlock.

Victor Products Corp.
901 Pope Ave., Hagerstown, Md.
Phone: REgent 3-3020.
Branch Factories: Berkeley Springs, Ranson, W. Va.
Justin Funkhouser, pres.; G. R. Noel, v. p.-sales; H. E. Messersmith, F. E. Fields, com'l sales.
Quickfreezers, beverage coolers, walk-ins, bulk ice makers, milk coolers, mortuary cabinets, vending equipment, and environmental test equipment.

Victory Engineering Corp.
118-24 Springfield Ave., Springfield, N. J.
Phone: DRexel 9-5900.
J. J. Mascuch, pres.; B. J. Oppenheim, v. p. & gen. mgr.; F. J. Mascuch, v. p.-treas.; W. G. Gow, secy.; W. B. Huston, sales mgr.; J. M. Ruskin, adv. & sales prom. mgr.; R. W. Blimm, pur. agt.; M. Sapoff, dir., engrg. & research.
Thermistors, varisters, combustion analyzers; thermal conductivity cells, temperature sensor assemblies, "lox" probes and choppers.
Trade Names: VECO; Temprobe; Chopperette.

Victory Metal Mfg. Corp.
200 W. Germantown Pike, Plymouth Meeting, Pa.
Phone: TA. 8-5000.
A. Raymond, pres.; J. D. Phelan, v. p.-sales; D. Parry, asst. sales mgr.; R. J. Raymond, asst. sales mgr.; I. A. Egendorf, adv. mgr.; F. Mauer, pur. agt.; E. Sears, chief engr.; E. Stinson, service mgr.
Commercial reach-in refrigerators.
Trade Names: Vimco; Sta-Kold; Sno-Queen; V-Line.

Vikimatic, Inc.
1747 Chester Ave., Cleveland 14, Ohio.
Phone: CH. 1-5500.
W. R. Frasher, pres.; A. G. Moore, treas.; V Brennan, secy.
Air conditioning and heating.

Viking Air Products, Div. of The Lau Blower Co.
5601 Walworth Ave., Cleveland 2, Ohio.
Phone: ME. 1-7500.
W. J. Gold, mgr.; John Furin, sales mgr.; Otto Schoeffler, pur. agt.; C. G. Nenadal, chief engr.
Furnace blowers, accessories, packages, wheels; furnace humidifiers; duct boosters; humidifier plates.
Trade Names: Thirs-Tee; Ultra-Vapor; Aqua-Magic.

Viking Copper Tube Co.
16600 St. Clair Ave., Cleveland 10, Ohio.
Phone: 481-3000.
Subsidiary of: Cerro Corp.
B. I. Ozer, pres.; F. W. Jamieson, exec. v. p.; Frank Higham, v. p.; R. L. Coan, chief engr.
Seamless copper tube.

Vilter Mfg. Corp.
2217 S. First St., Milwaukee 7, Wis.
Phone: SHeridan 4-0111.
A. A. Silverman, pres. & treas.; A. O. Vogel, v. p.-sales; B. J. Fridl, v. p.-mfg.; C. R. Muth, adv. mgr.; L. E. Loos, pur. agt. & secy.; E. J. Kocher, chief engr.; E. M. Johnson, asst. secy. & asst. treas.; E. D. Pollock, v. p., Vilter Intl.
Refrigeration and air conditioning equipment; industrial heat exchangers.
Trade Names: Pakice; Polarflake; Zer-O-Disc; Vaporiter; Vertibay; Frigid-Blast; Viltrite; Uni-Chiller; Stedy-Mount; VMC.

Virginia Chemicals & Smelting Co.
West Norfolk, Va. Phone: EX. 7-3441.
A. H. Eustis, bd. ch.; A. K. Scribner, pres.; J. A. Weatherford, dir. of sales; H. T. Palmer, sales mgr.-refrig. div.; J. T. Jackson, pur. agt.; G. T. Wrenn, Jr., chief engr.; Dr. D. W. Duncan, v. p.-mfg.; S. J. Adams, export mgr.
Chemicals and compounds; insulation materials, sealing compounds, solvents, refrigerants, water treatment chemicals.
Trade Names: Can-O-Gas; VASCOCEL.

Vogt Machine Co., Henry
1000 West Ormsby, Louisville 10, Ky.
Phone: MElrose 4-9411.
G. A. Heuser, bd. ch.; H. V. Heuser, pres.; W. P. Heuser, v. p.; E. H. Steinhauer, mgr. refrig. div.; O. C. Alpiger, adv. mgr.; J. H. Brown, pur. agt.
Ice making, refrigeration equipment and boilers.

Vornado Auto Air Conditioner, Div. of Automatic Radio Mfg. Co., Inc.
30 Washington St., Brighton 35, Mass.
Phone: REgent 4-0611.

D. M. Shapiro, v. p.-gen. mgr.; B. Moody, v. p.-operations; F. Ricketts, sales mgr.; A. M. Mintz, pur. agt.; K. Terwort, prod. mgr.; E. A. Morgan, dir. of service.
Mobile air conditioning units.
Trade Name: Automatic*.

Vortox Co.
121 S. Indian Hill Blvd., Claremont, Calif.
Phone: NA. 6-1283.
H. H. Garner, owner; C. C. Edinger, gen. mgr.; G. S. Walker, sales mgr.; C. W. Hahl, chief engr.
Air cleaners, panel air filters.

Vulcan Laboratories
8 Brush St., Pontiac, Mich.
Phone: FEderal 4-0900.
D. R. Borgeson, gen. mgr.; James Porter, sales mgr.; E. Peterson, secy.-treas.
Water treatments, feeders, algacides, fuel treatments.
Trade Names: Rapidclean; Vulcanol.

Vulcan Radiator Co., The
775 Capitol Ave., Hartford 6, Conn.
Phone: ADams 6-2505.
J. H. Ehn, pres. & treas.; Martin Trachtenburg, gen. mgr.; B. Allen, pur. agt.; R. H. Sand, design engr.
Hydronic and electric finned tube radiation and enclosures; commercial and residential baseboard; heating and ventilating units, classroom type.
Trade Names: Linovector*; Linoventilator*; Trimline*; Dura-Mount*.

W

Wabash Corp.
2300 S. Western Ave., Chicago 8, Ill.
Phone: VI. 7-5411.
E. W. Mack, pres.; R. E. Caplan, v. p.
Air conditioning and refrigeration parts.
Trade Names: Hi-Dri*; Micro-Dri*; Blue Streak; Sep-Return; Econo-Lyne.

Wagner Electric Corp.
6400 Plymouth Ave., St. Louis 33, Mo.
Phone: PA. 1-5000.
G. W. Brown, pres.; C. E. Widell, v. p.; P. C. Ford, v. p.-engrg.; R. H. Hackett, v. p.-mfg.; A. C. Allen, sales mgr.; L. C. Dobrunz, sales prom. mgr.; H. S. Garrett, dir. of pur.; B. L. Britt, service mgr.
Electric motors and transformers.

Wagner Tool & Supply Corp.
(See Watsco, Inc.)

Walker Mfg. & Sales Corp.
1701-17 Penn St., St. Joseph, Mo.
Phone: ADams 2-8458.
Lakin Meade, pres.; A. H. Ziph, gen. mgr.
Automatic draft regulators, flue pipe draft inducer, chimney caps.
Trade Names: Fuelsaver; Shur-Flo; Venturi-Tops.

Walker Stainless Equipment Co.
New Lisbon, Wis. Phone: LO. 2-3151.
Branch Factory: Elroy, Wis.
Fiberglass cooler and freezer doors.

Wall Tube & Metal Products Co.
P.O. Box 330, Newport, Tenn. Phone: 2391.
John Ault, pres.; F. L. Dempsey, v. p. & gen. sales mgr.; D. B. Kelly, v. p. & compt.; J. P. Masters, pur. agt.; Robert Kisabeth, chief engr.; P. F. Lesley, factory mgr.
Stainless steel tubing, stampings, evaporator and evaporator freezer shelves, formed wire products and condensers.

Wallace Co., The William
Box 137, Belmont, Calif. Phone: LYtell 3-3174.
Branch Factory: Logan, Ohio.
Alan Kinkead, pres.; H. V. Scott, v. p. & treas.; Rex Falkner, sales mgr.; R. A. McHugh, asst. gen. sales mgr.
Gas vent pipe and fittings; all-fuel, factory-built chimneys.
Trade Name: Metalbestos.

Wallace & Tiernan, Inc.
25 Main St., Belleville 9, N. J.
Phone: PLymouth 9-8000.
M. F. Tiernan, bd. ch.; R. M. Jackson, pres.; R. T. Browning, exec. v. p.; T. T. Quigley, v. p.-equip. div.; C. H. Rybolt, v. p.-chem. div.; R. C. Clement, dir. of sales; W. Henderson, adv. mgr.; I. Gordon, pur. agt.; J. C. Brigham, chief engr.; J. Peddieson, mgr.-sales services.
Chlorinators, pressure and vacuum gauges, algaecides, precision instruments, diaphragm and plunger pumps, corrosion control.

Walton Laboratories, Inc.
1186 Grove St., Irvington 11, N. J.
Phone: ESsex 4-9600.
Branch Factory: Chicago.
J. B. Feldermann, pres.; H. E. Puttbach, sales mgr.; H. Kempel, treas.
Humidifiers, automatic furnace type, room type, and humidifying systems.
Trade Name: Cold Steam*.

Ward Leonard Electric Co.
115 MacQuesten Pky., Mt. Vernon, N. Y.
Phone: MO. 4-1000.
L. Kebler, bd. ch.; A. A. Berard, pres.; G. M. Stapleton, v. p.; F. E. Beede, sales mgr.; W. C. Schofield, asst. sales mgr.; J. E. Reagan, adv. & sales prom. mgr.; W. J. Borghard, pub. rel. mgr.; T. C. Hadden, Jr., pur. agt.; C. B. Stockton, factory mgr.; R. Vradenburgh, chief engr.; R. M. White, service mgr.
Controllers and relays.

Warner Electric Brake & Clutch Co.
Beloit, Wis. Phone: DU. 9-2211.
S. P. J. Wood, pres.; E. A. Cleary, v. p.; Wm. W. Keefer, v. p.-controller; G. R. Harrod, mgr. mktg. & sales.
Compressor clutches.

Warren Co., Inc., The
905 Memorial Dr., S.E., Atlanta 1, Ga.
Phone: MU. 8-1601.
J. D. Harris, pres.; R. D. Jacobs, exec. v. p. & sales mgr.; M. T. Daly, v. p.-chain store sales; W. M. Mayo, v. p.-mfg.; Albert Rebel, v. p.-export sales; E. N. Barton, asst. v. p. & dir. of adv.; T. E. Scarbrough, treas.; L. S. Venable, secy.; W. J. Sims, pur. agt.; J. H. Rainwater, dir. of engrg.; C. P. Lee, consulting engr.; W. R. Broadwater, applications engr.
Commercial refrigerators; condensing units.
Trade Names: Twin-Isle*; Dew-Maker*; Permaseal; Coloramics*; Multi-case; Lowboy*; Mastermetic; Super Merchandisers; Master Merchandisers; EZ-N-Stall; Profit King; Cold Blast; Curtain-Air; Full-Vue; Arctic Jet; Weathermetic.

Warriner Hermetics, Inc.
5948 Eden Dr., P.O. Box 7103,
Fort Worth, Texas. Phone: TE. 8-9922.
T. R. Warriner, Jr., pres.; J. L. Park, plant mgr.; J. G. Mason, parts mgr.
Hermetic compressor repair and replacement parts.

Water Cooling Equipment Co.
8601 New Hampshire, St. Louis 23, Mo.
Phone: FI. 3-3600.
Branch Factory: Pilot Point, Texas.
W. G. Drosten, Jr., pres.; H. L. Winter, v. p.; G. V. H. Godin, pur. agt.; J. Luczak, factory mgr.
Induced draft cooling towers and spray nozzles.

Water Service Laboratories, Inc.
615 W. 131st St., New York 27, N. Y.
Phone: FO. 8-1000.
Branch Factories: Philadelphia; Washington, D. C.
H. L. Shuldener, pres.; Henry Robins, exec. v. p.; J. B. Fullman, chief engr.; S. Sussman, chief chemist.
Water treatment service.

Waterloo Register Co., Inc.
900 E. Lincoln St., Cedar Falls, Iowa.
Phone: COlfax 6-3554.
E. T. Kelly, bd. ch. & pres.; R. E. Nemmers, sales mgr.; J. M. Schaffer, chief engr.; J. M. Simatovich, factory mgr.; W. A. Kurnik, export mgr.
Air registers and grilles.

Waterman-Waterbury Co., The
1121 Jackson St., N.E., Minneapolis 13, Minn.
Phone: FEderal 2-8701.
L. J. Reay, pres. & gen. mgr.; S. A. Smith, exec. v. p.-sales; R. R. Link, secy.-treas. & controller; W. J. Walther, adv. & sales prom. mgr.; Harry Lilja, pur. agt.; Richard Johnson, engr.
Furnaces and air conditioners; water softeners.
Trade Names: Comfortrol*; Comforclime.

Watkins Co., J. E.
1311 S. Fourth Ave., Maywood, Ill.
Phone: FI. 5-0111.
J. E. Watkins, pres.; M. S. Marthens, pur. agt.; R. A. Naegele, plant mgr.; A. J. Baity, export mgr.
Industrial and commercial refrigeration machinery.
Trade Names: Recirculator; Cycle Center; Thermo-level; Cali-Flo.

Watsco, Inc.
1020 E. 15th St., Hialeah, Fla.
Phone: TUxedo 7-3517.
Wm. Wagner, pres.; S. J. Wagner, v. p.-sales; J. Chorost, compt.; R. S. Hurwitz, adv. mgr.; F. Brown, pur. agt.; J. Butera, chief engr.; R. Kastle, plant mgr.
Component parts for repair and replacements.
Trade Names: Hep; Magni-Chek; Strain-O-Kap; Line Tap; Can Tap; Line Port; T-S; Terminette; Cappy; Search; Fin-Comb; Gold Seal; Twin-Port.

Waukesha Motor Co.
W. St. Paul Ave., Waukesha, Wis.
Phone: LI. 7-3311.
Branch Factories: Clinton, Iowa; Houston.
C. E. Nelson, pres.; F. C. Schulze, v. p.-sales; N. H. Willis, v. p.-engrg.; A. F. Sheller, v. p.-mfg.; R. A. D'Amour, mgr. mfgr. sales; R. R. Heidemann, mgr. distr. sales; C. G. Callow, sales mgr., special products div.; H. J. Lemmer, adv. mgr.; L. F. Whisler, pur. agt.; J. R. Merriam, chief engr.; H. R. Wilson, service mgr.; M. Hofmann, export mgr.
Commercial engine-driven chiller units to 700-ton capacity; railway car air conditioning and refrigeration units; truck and trailer refrigeration units; gas air conditioning engines.
Trade Names: Rolline; Climax.

Wayne Home Equipment Co., Inc.
801 Glasgow Ave., Ft. Wayne 4, Ind.
Phone: EAstbrook 4741.
N. G. Berghoff, pres. & pur. agt.; E. R. Wagner, v. p.; B. G. Duer, v. p.-sales; C. V. Copeland, v. p. & chief engr.; R. Lamprecht, factory mgr.; G. J. Klopfenstein, service mgr.
Heating units.

Weatherhead Co., The
300 East 131st St., Cleveland 8, Ohio.
Phone: GLenville 1-5200.
Factories: Angola, Syracuse, Columbia City, Ind.; Antwerp, Cleveland, Ohio; Glendale, Calif.; St. Thomas, Ont., Can.
A. J. Weatherhead, Jr., pres.; A. J. Weatherhead, III, v. p.; S. C. Howell, gen. sales mgr.; P. W. Morse, sales mgr.; W. J. Tomko, adv. dir.; C. J. Ehlert, pur. agt.; R. T. Marette, engrg. dir.; B. H. Pauly, dir. research & devel.; J. P. Weatherhead, mfg. mgr.
Refrigeration valves; couplings; driers; fittings; hose; receivers; surge tanks; and flaring tools.
Trade Names: Ermeto; Flare-Twin; Seal-Nut.

WeatherKing of Florida, Inc.
1604 Sligh Blvd., Orlando, Fla.
Phone: CHerry 1-6569.
L. H. Boissoneault, v. p., gen. mgr. & sales mgr.; M. G. Johnson, pur. agt., chief engr. & factory mgr.
Heat pumps, chillers

Webber Mfg. Co., Inc.
P.O. Box 217, Indianapolis, Ind.
Phone: ME. 2-1378.
R. C. Webber, pres.; R. F. Webber, v. p.; V. L. Fagin, secy.-treas.; M. O. Means, factory mgr.
Environmental test equipment.

Weber Showcase & Fixture Co., Inc.
5700 Avalon Blvd., P.O. Box 11065, Kearny Sta., Los Angeles 11, Calif. Phone: ADams 2-4111.
Branch Factories: Burbank, Calif.; Grand Rapids, Mich.
K. Weber, pres.; K. F. Weber, exec. v. p. & gen. mgr.; J. Lesh, v. p. & controller; J. L. Kaufhold, v. p.; R. Ryskamp, mgr.-natl. ice cream cabinet div.; H. Goldstein, natl. service mgr.; W. Gross, adv. mgr.; Frank Fresh, dir. pur.; R. Broshears, dir. research & develop.
Commercial refrigeration.
Trade Names: Display Master; Serv-Master; Top-View; Colshelf; Egg Mart; Convey-O-Pac; Veg-E-Master; Univer-Sell; Zero-Master; Dual Blizzard; Blizzard 161; Kold-Master; Premier Merchandiser; Roll-A-Door; Zip-A-Dip; Freez-O-Master; Full-View; Produshelf.

Webster & Co., Inc., Warren
17th & Federal St., Camden, N. J.
Phone: WO. 4-4600.
Heating and cooling (air conditioning) equipment.
Trade Names: Newport*; Riviera*; Walvector*.

Weil-McLain Co., Inc.
Michigan City, Ind. Phone: TR. 4-5251.
Branch Factory: Erie, Pa.
E. R. Westphal, pres.; M. E. Mitchell, v. p.-sales; R. M. Stockwell, sales mgr.; H. Miller, asst. sales mgr.; N. E. Westphal, dir. res. & engrg.
Boilers; radiators.
Trade Names: Snug; Junior; Soiray.

Weinman Pump Mfg. Co., The
290 Spruce St., Columbus 15, Ohio.
Phone: CA. 1-6351.
L. K. Herndon, bd. ch.; D. G. Lear, pres.; P. W. Holstein, v. p.; H. R. Ray, v. p.-sales.
Centrifugal pumps.
Trade Name: Unipump.

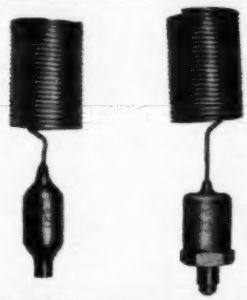
Weirton Steel Co., Div. of National Steel Corp.
Weirton, W. Va. Phone: WEirton 1000.
A. Berdis, bd. ch.; C. G. Tourney, pres.; R. S. Meighen, v. p.-sales; W. D. Spaulding, v. p.-oper.; H. C. Fitton, adv. mgr.; C. E. Dodds, pub. rel. mgr.; R. C. Craig, pur. agt.
Iron and steel, hot rolled and cold rolled sheets, tin plate, zinc coated steel sheets, and structural shapes.
Trade Names: Weirite; Weirkote; Weirzin.

Weksler Instruments Corp.
195 E. Merrick Rd., Freeport, L. I., N. Y.
Phone: MAyfair 3-0100.
H. Weksler, bd. ch.; E. P. Dobrin, pres.; A. Marks, exec. v. p.; J. Bakofen, v. p.-prod.; F. J. Pia, product sales mgr.; H. Dobrin, product sales mgr.; N. C. Munisteri, product sales mgr.; E. T. Oettinger, field sales mgr.; M. Himmel, pur. agt.; G. Becker, chief engr.
Temperature, pressure, and humidity instruments.
Trade Names: Adjust-Angle*; Scoopmaster*; Adjust-All*; Clinigraph*.

Welbilt Air Conditioning & Heating Corp.
Route 524, Lakewood Rd., Farmingdale, N. J.
Phone: WEbster 8-9221.
M. Parcaro, pres.; J. Kirk, v. p.; J. E. Craig, gen. sales mgr.; C. M. Hatcher, field sales mgr.; L. Meringolo, pur. agt.; F. Riedel, chief engr.; T. Krex, factory mgr.
Commercial and residential air conditioners; water chillers; heat pumps; cooling towers; condensing units; oil and gas fired furnaces.

LOOK TO WATSCO FOR QUALITY

REFRIGERATION AND AIR CONDITIONING PRODUCTS



STRAIN-O-KAPS Precision metering device that will operate efficiently on all units and with all refrigerants.

CAPPY A pocket size electronic instrument for testing all types of capacitors and condensers.

FIN-COMB A Nylon Comb for straightening and cleaning evaporator and condenser fins.

LINE TAP VALVE Instantly pierces tubing to provide a permanent port for charging, discharging and testing.

SPUN END MAGNI-CHEK VALVE A non- electric magnetically operated check valve and strainer combination provides maximum flow — minimum pressure drop.

TERMINAL SEALS Stops terminal leaks instantly without opening the compressor.

SEARCH A highly viscous liquid leak detector developed to pin-point the slightest leak by applying it to the suspicious area.

ADJUSTABLE DOOR GASKET NOTCHER For notching and fitting door gaskets on refrigerator and freezer cabinets without removing the door.

ADJUSTABLE LINE TAP VALVE For charging, discharging, purging and testing refrigeration and airconditioning systems — 2 valves cover 6 sizes of tubes.

OTHER WATSCO PRODUCTS INCLUDE: ACCUMULATORS, COMPRESSOR GASKETS, CONTROL VALVES, CAPILLARY CONTROL VALVES, FLAPPER VALVES, HEX WRENCH SETS, REPLACEMENT TERMINALS, SADDLE VALVES AND SPUN COPPER STRAINERS.

TWIN PORT CAN TAP VALVE For dispensing packaged refrigerants — Double port enables user to connect a gauge on one port or charge through any number of cans simultaneously.

WATSCO INC.

1800 W. 4th AVENUE • HIALEAH, FLORIDA

Welbilt Corp.
57-18 Flushing Ave., Maspeth 78, L. I., N. Y.
Phone: EV. 6-4300.
A. P. Hirsch, bd. ch.; Henry Hirsch, pres.; M. W. Morris, v. p.-sales; D. Hirsch, v. p.-mfg.; William Miller, sales mgr.-air cond.; H. Altman, pur. agt.; L. Taub, chief engr.
Air conditioners.

West Chester Chemical Co.
P.O. Box 39, West Chester, Pa.
Phone: OW. 6-9220.
E. O. Hilbush, Sr., pres.; R. L. Roach, mgr.
Coatings, caulk, adhesives, sealants, compounds.
Trade Names: Cyl-Seal; Lagz; Rock Seal; Con-Seal; Maintz; Spellite.

Western Supply Co., Mfg. Div.
315 W. Third St., Hutchinson, Kan.
Phone: MO. 5-5573.
Factory: Nickerson, Kan.
Howard Bentley, pres.; W. N. Martin, v. p. & pur. agt.; J. C. Owens, Jr., sales mgr.; D. Rumsey, plant mgr.
Air conditioners, condensing units, room coolers, heat pumps, evaporators, blower coil units, water chillers, convectors.
Trade Names: Western-aire; Private Brands.

Westinghouse Electric Corp.,
Air Conditioning Div.
Box 510, Staunton, Va. Phone: TUxedo 6-0711.
R. K. Serfass, div. mgr.; D. R. Meckstroth, mktg. mgr.; R. L. Sherrill, com'l & indus. prod. sales mgr.; J. A. Cerny, resid. prod. sales mgr.; C. E. Cannon, elec. htg. prod. sales mgr.; Don Higgins, adv. mgr.; K. A. Wolf, pur. agt.; R. F. Lauer, engrg. mgr.; W. E. Hoctor, mfg. mgr.; H. A. Blair, gen. service mgr.; H. L. Goehring, indus. rel. mgr.
Industrial, commercial, and residential air conditioners—all types; residential furnaces and electric heating; residential electrostatic filters.
Trade Names: Unitaire; Precipitron; WhispAir.

Westinghouse Electric Corp., Major Appliance Div.
300 Phillippi Rd., Columbus 16, Ohio.
Phone: 279-7311.
J. W. Craig, v. p. & gen. mgr.; J. J. Anderson, mktg. mgr.-major appliance div.; L. W. Smith, mdse. mgr.-major appliance div.
Refrigerators, freezers, drinking water coolers, room air conditioners, dehumidifiers.

Westinghouse Electric Corp., Small Motor Div.
Lima, Ohio. Phone: CA. 9-5060.
Branch Factories: Union City, Ind.; Bellefontaine, Ohio; Upper Sandusky, Ohio.
C. C. Shutt, div. mgr.; J. E. Bell, ind. motor dept. mgr.; J. F. Farrell, mktg. mgr.; T. R. Landers, pur. agt.; W. T. Gordon, engrg. mgr.
Fractional horsepower motors.

Westinghouse Electric Corp.,
Standard Control Div.
Beaver, Pa. Phone: SP. 5-2000.
J. A. Butts, div. mgr.; A. J. Hendry, mktg. mgr.; W. T. Rush, sales mgr.
Motor overload protectors, motor relays, motor starters, manual and magnetic; relays, electric and pneumatic.

Westinghouse Electric Corp., Sturtevant Div.
19 Damon St., Hyde Park 36, Mass.
Phone: EM. 1-3700.
J. W. Wilcock, div. mgr.; H. Rainey, mktg. mgr.; R. M. Van Dusen, mgr. pur.; C. J. Coleman, mgr. acctg.; J. E. McDonald, mgr. engrg.; D. A. McQuade, mgr. ind. rel.; R. Mercer, mgr. mktg. serv.; N. J. Grover, mgr. mfg.; F. P. Heddy, mgr. cust. service dept.
Air handling units; air washers; blowers; compressors; electronic air cleaners.
Trade Names: Centriline; Precipitron; Axiflo.

Westinghouse Lamp Div.,
Westinghouse Electric Corp.
Bloomfield, N. J. Phone: HU. 4-3000.
Branch Factories: Bloomfield; Belleville, Trenton, N. J.; Fairmont, W. Va.; Reform, Ala.; Richmond, Ky.; Paris, Texas; Little Rock, Ark.
F. M. Sloan, v. p. & gen. mgr.; G. W. Howson, mktg. mgr., large lamps; W. R. Wirths, pub. rel. mgr.; F. E. Esser, pur. agt.
Germicidal lamps.
Trade Name: Sterilamp.

Wheatland Tube Co.
1300 Bankers Securities Bldg., Philadelphia 7, Pa.
Phone: PEnnypacker 5-4687.
Mill: Wheatland, Pa.
T. J. Kavanagh, bd. ch.; C. Schurr, pres.-treas.; E. J. Kavanagh, exec. v. p.; K. F. Lukens, v. p.-sales; J. J. O'Donnell, v. p.-mktg.; J. E. O'Donnell, secy.
Steel pipe, electric weld steel tubing; pipe couplings; rigid conduit and fittings.

Wheelabrator Corp.
1428 S. Byrkit St., Mishawaka, Ind.
Phone: BL. 5-2141.
J. F. Connaughton, pres.; L. L. Andrus, v. p.-Dust & Fume Control Div.; K. E. Blessing, mgr., dust & fume control sales; G. O. Pfaff, mktg. dir.
Dust and fume control equipment.
Trade Name: Dustube.

Wheeler Mfg. Co., C. H.
19th & Lehigh Ave., Philadelphia 32, Pa.
Phone: BAldwin 8-6500.
Branch Factory: Ambler, Pa.
R. H. Thomas, bd. ch.; L. G. L. Thomas, pres.; F. L. Yetter, Sr., v. p.; E. E. Baker, v. p.-pumps; M. L. McNulty, adv. mgr.; H. J. Baker, pur. agt.; H. O. Fullam, factory mgr.; J. A. Foley, service mgr.
Steam condensers; steam jet ejectors; vacuum refrigeration equipment; pumps; fabrications.
Trade Names: Tubejet; Valvmatic.

Wheelock Signals, Inc.
273 Branchport Ave., Long Branch, N. J.
Phone: CA. 2-6880.
R. D. Wheelock, pres.; H. J. Sundermeyer, sales mgr.; J. E. Gould, pur. agt.
Relays and audible signals.

Whirlpool Corp.
Benton Harbor, Mich. Phone: WA. 5-0651.
Branch Factories: St. Joseph, Mich.; Evansville, Ind.; Clyde, Marion, Hamilton, Ohio; St. Paul.
E. Gray, bd. ch.; R. Brooker, pres.; J. Sparks, v. p.; W. E. Mahaffay, v. p.-engrg.; R. M. Mitchell, v. p.-export; L. Larkin, gen. mgr.-air cond. div.; H. T. Stroop, gen. mgr.-refrig. div.; R. Brintnall, gen. mgr. ldry. div.; P. F. Armbruster, gen. mgr.-range div.; H. R. Dowell, gen. mgr.-sales & dist.; G. Stevens, mgr. special mkts.; S. E. Sweet, dir. mdse.; Q. B. Garman, adv. mgr.; R. Armstrong, pub. rel. mgr.; S. Smith, service mgr.
Full line of gas and electric major home appliances; commercial and hotel-motel ice makers; coin operated dry cleaners and laundry equipment.
Trade Name: RCA-Whirlpool.

White-Rodgers Co.
9797 Reavis Rd., St. Louis 23, Mo.
Phone: MElrose 1-9797.
Branch Factory: Toronto (Markham), Ont., Can.
J. Newman, bd. ch.; J. A. Rodgers, pres.; C. X. Havermans, exec. v. p.; R. A. Sherer, v. p.; G. Powell, sales mgr.; E. Robinson, adv. mgr.; C. Garner, chief engr.; U. Gorman, int'l parts & sales mgr.
Automatic controls for heating, refrigeration, and air conditioning.
Trade Names: Hydraulic-Action; PushButton; Fashion; D'LUXline; MAINline; Zone-A-Flow; CUSTOMline; Silent Knight; KWIK-SENSOR.

Whitehall Engineering Co.
539 E. Illinois St., Chicago 11, Ill.
Phone: 467-5666.
Norman Weinstein, pres.
Portable water-cooled room air conditioners.
Trade Name: Kool-A-Bout.

Whitlock Mfg. Co., The
82 South St., West Hartford 10, Conn.
Phone: JAckson 2-4293.
Gordon Bennett, pres.; R. B. Prouty, v. p.; A. J. Jackson, sales mgr.
General heat transfer equipment.

Whitney Mfg. Co., W. A.
636 Race St., Rockford, Ill. Phone: WO. 4-6775.
R. H. Spengler, pres.; Ted Brolund, v. p.; R. T. Stymacks, sales mgr.
Portable hand lever punches, hydraulic punches and shears.
Trade Name: Hydramic.

Whitney Metal Tool Co.
110 Forbes St., Rockford, Ill. Phone: WO. 2-5571.
J. A. Jensen, pres.; G. Plumb, sales mgr.; W. Reck, adv. mgr.; A. Monks, pur. agt.; L. Burgett, chief engr.
Punches, shears, foot presses, foot shears, bending brakes, power presses, power shears, dies, and small tools.

Whitty Co., Inc.
86 Western Ave., Boston 34, Mass.
Phone: ST. 2-4711.
E. C. Taylor, pres.; M. R. Johnson, asst. treas.; C. R. Achstetter, chief engr.
Induced draft fans, draft controls.

Wholesaler Hermetic Compressor Exchange, Inc.
610 Washington St., Wausau, Wis.
Phone: VI. 2-3881.
Julia Mertinke, pres.; G. R. Mertinke, mgr.; Charles Mertinke, shop supt.
Rebuilding compressors for refrigeration; rebuilding compressor valve plates for the refrigeration trade.

Wickford Products, Inc.
455 East 147th St., Box 55, New York, N. Y.
Phone: LU. 5-8696.
S. Gerber, pres.; B. Mastenbaum, mgr.
Air conditioner filters, furnace filters, air conditioner covers.
Trade Names: Free Flow; Winnie Wickford.

Wiegand Co., Edwin L.
7500 Thomas Blvd., Pittsburgh 8, Pa.
Phone: CHurchill 2-6400.
E. N. Calhoun, pres.; B. A. Fleming, exec. v. p.; C. F. Kreiser, gen. sales mgr.; G. Sowash, gen. adv. mgr.; R. D. Allshouse, pur. agt.; L. A. Drugmand, chief engr.; R. W. Unger, factory mgr.
Electric heating equipment.
Trade Name: Chromalox.

Wilbur & Williams Co., Inc.
659 Pleasant St., Norwood, Mass.
Phone: NO. 7-6575.
M. E. Williams, pres.; C. J. Gotthardt, v. p.; D. Wilbur, treas.; T. A. Durkee, Eastern Div. sales mgr.; N. Frothingham, sales prom. mgr.; C. J. McCarthy, pur. agt.
Paint and enamel for sub-zero temperatures and galvanized metal; epoxy and hypalon coatings.
Trade Names: Dampcoat; Frigid-Coat; Zinc-Shield; Rubber-Coat; Tile-Cote; Tuf-Quik; Skid-Grip.

Wilcolator Co., The
1001 Newark Ave., Elizabeth, N. J.
Phone: EL. 4-1000.
A. M. Hoover, pres.; J. H. Cantlin, exec. v. p.; W. R. Opp, v. p.; P. E. McCaughey, gen. sales mgr.; E. Harvey, adv. mgr.; J. Martin, pur. agt.; D. T. King, chief engr.; L. C. Stork, plant supt.
Temperature controlling devices.

Williams Refrigeration, Inc.
3206 Old Buncombe Rd., Greenville, S. C.
Phone: CE. 9-1585.
J. D. Williams, pres.; H. E. Johnson, v. p.; R. W. Johnson, secy.-treas.
Walk-in coolers, freezers, cold storage doors, refrigerated ice stations.
Trade Name: Ambassa-door.

Williamson Co., The
3500 Madison Rd., Cincinnati 9, Ohio.
Phone: REdwood 1-1343.
Branch Factory: Madison, Ind.
W. L. McGrath, bd. ch.; L. B. Murphy, pres.; R. L. Herrmann, exec. v. p.; G. Leytze, v. p., distrib. sales; P. Jensen, v. p., dealer sales; J. Carroll, v. p. & pur. agt.; G. W. Denges, v. p. & chief engr.; J. P. Field, v. p. & factory mgr.; C. T. Pfirrmann, adv. mgr.; M. Ralston, supr., heating research; K. Wade, supr., cooling research.
Warm air furnaces; duct, pipe, and fittings; air-cooled air conditioning units; electric heat units.
Trade Names: Seal-Tite*; AIRefrigeration*; Condaire*; Yearound*; Gasaver*; Oilsaver*; Vibra-Free*.

Wilson Div. of Tyler Refrigeration Corp.
Glenwood Ave., Smyrna, Del. Phone: OL. 3-5651.
R. H. Becht, v. p. & gen. mgr.; J. C. Bates, sales mgr.; L. E. Thornton, sales adm.; L. L. Liefer, controller & off. mgr.; D. Boulden, pur. agt.; Wm. G. Rundell, chief engr.
Bulk milk coolers; can-type milk coolers; farm freezers; sectional storage freezers; wall dairy sales cases.

Wilson Engineering Corp.
6 N. Michigan Ave., Chicago 2, Ill.
Phone: ANdover 3-2756.
Douglas Wilson, pres.; R. W. Garvey, exec. v. p.; Eleanor H. Johnson, asst. to pres.
Power plant equipment and unit heaters, steam.

Wilson, Inc., Grant
141 W. Jackson Blvd., Chicago 4, Ill.
Phone: WAbash 2-8220.
G. V. Wilson, pres. & treas.; A. A. F. Schmidt, gen. sales mgr.; J. T. Fralc, oper. mgr.; E. H. Trudan, asst. treas.; W. M. Pearson, secy.
Asbestos, insulating and fireproof materials.
Trade Names: Non-Con-Dux; Dux-Sulation; Vibra-Stop; Flexi-Duct*; Gum-Bestos*; Neo-Bestos*; Fyrex*; Flex-Sulation.

Wilson Mfg. Co.
863 S. Barksdale St., Memphis, Tenn.
Phone: BR. 6-7521.
F. R. Wilson, pres.; I. W. McGuire, Jr., v. p.; Q. E. Wilson, secy.-treas.
Tubing tools.
Trade Names: Wimco; Rolo-Bend; Rolo-Flair; Strato-Flair; Ream-N-Out.

Wing Mfg. Co., L. J., Div. of Aero-Flow Dynamics, Inc.
Linden, N. J. Phone: HUnter 6-7400.
Branch Factory: Montreal, Que., Can.
H. S. Brightman, exec. v. p.; C. R. Mayer, treas.; A. T. Bahel, adv. mgr.; I. Robins, pur. agt.; C. Deer, chief engr.; E. Rausch, mfg. mgr.; R. Rivas, service mgr.
Unit heaters.

Wire & Cable Div., Essex Wire Corp.
Sycamore, Ill. Phone: 4501.
Branch Factory: Marion, Ind.
J. Gerber, sales mgr.
Wire and cable (electrical).

Wiremold Co., The, Air Duct Div.
Hartford 10, Conn. Phone: ADams 3-6251.
D. H. Murphy, ch.; J. D. Murphy, pres.; R. H. Murphy, exec. v. p. & treas.; P. O. Roedel, Jr., sales mgr., Air Duct Div.; Edith Wootton, adv. mgr.; J. R. Dillon, pur. agt.
Flexible air duct.

Wiss & Sons Co., J.
33 Littleton Ave., Newark 7, N. J.
Phone: MArket 2-4670.
Branch Factory: Maplewood, N. J.
R. R. Wiss, pres.; B. E. Bostwick, v. p. & dir. of sales & adv.; Kenneth Wiss, asst. sales mgr.
Shears and scissors, garden tools, metal cutting snips.
Trade Name: Metal Master.

Witco Chemical Co., Inc., Pioneer Products Div.
122 E. 42nd St., New York 17, N. Y.
Phone: MU. 7-7979.
Branch Factories: Perth Amboy, N. J.; Chicago, Lawrenceville, Ill.
R. I. Wishnick, bd. ch.; M. A. Minnig, pres.; W. Wishnick, exec. v. p.; M. D. MacBurney, gen. mgr.; H. R. Bornscheur, asst. gen. sales mgr.
Asphalt and asphaltic specialty products.
Trade Names: Witcolite; Pioneer 820, 1008, 202, 216, 320, 301.

Witt Co., Inc., A. H.
940 N. Sycamore Ave., Los Angeles 38, Calif.
Phone: OL. 4-1303.
Branch Factory: Collierville, Tenn.
A. H. Witt, pres.; J. R. Lannon, v. p. & sales mgr.; William Miller, adv. mgr.; G. E. Landweer, chief engr.; D. Shaffer, factory mgr.
Unit coolers; coils; condensers; defrost equipment; evaporators; lamps; fan-coil-filter units; glass refrigerator door fronts.
Trade Names: Defrostair; Cor-Lectric; Regalair; Cornair; Twinair; Whizair; Zoneair.

Woller & Co., Howard
101 Ellwood Ave., Mt. Vernon, N. Y.
Phone: MO. 4-4754.
Branch Factory: Union City, Ind.
H. Woller, sales mgr.; Ruth Woller, compt.; F. Woller, asst. to sales mgr.
Job signs, name plates (pressure sensitive and standard metal etched types), vinyl pressure sensitive product identification labels and decals, instruction and danger labels.

Wolverine Tube, Div. of Calumet & Hecla, Inc.
17200 Southfield Rd., Allen Park, Mich.
Phone: DU. 6-1000.
Branch Factories: Detroit; Inkster, Mich.; Decatur, Ala.
P. W. Robson, pres. & gen. mgr.; E. W. Ervasti, mktg. dir.; H. A. Harty, adv. & sales prom. mgr.; W. D. Schelbe, dir. pur.
Tubing and tubing fabrication; extruded aluminum shapes.
Trade Names: Capilator; Versatube; Roll-O-Tube; Trufin.

Wood Conversion Co.
First National Bank Bldg., St. Paul 1, Minn.
Phone: CA. 4-4676.
Branch Factories: Cloquet, Minn.; Riverside, N. J.
D. M. Pattie, pres.; M. S. Wolf, v. p.-sales; K. C. Lindley, dir. of adv.; W. G. Wolston, indus. adv. mgr.; Dr. B. J. Gaffney, engrg. dir.; P. J. McGervey, research dir.; H. E. Walter, plant supt.
Insulation and acoustical materials.
Trade Names: Balsam-Wool*; Nu-Wood*; Lotone*; Tufflex*.

Worth Chemical Products Co.
413 E. Magnolia St., P.O. Box 366,
Fort Worth, Texas. Phone: ED. 2-8146.
Roy Coleman, pres.; Wm. G. Spoonts, sales mgr.; W. G. Bralley, secy.
Algaecide, coil and filter cleaner, degreasing solvents, corrosion inhibitors, water treating chemicals, and filtering coating.
Trade Names: Puracon; WC Products.

Worthington Corp.
Ampere Station, East Orange, N. J.
Phone: HU. 4-1234; 4-2600.
Branch Factories: Decatur, Ala.; Holyoke, Mass.
H. C. Ramsey, bd. ch.; W. H. Feldmann, pres.; F. Nunlist, v. p.; A. J. Hackl, mgr., air cond.; E. R. Michel, sales mgr.; P. A. McLeod, Jr., field sales mgr.; C. Freeman, adv. mgr.; P. H. Shaw, personnel mgr.; G. H. Salesky, Jr., pur. agt.; E. Lancaster, mgr.-engrg.; E. C. Hamilton, service mgr. & repairs; N. A. Gardner, export mgr.
Air conditioning units; compressors; condensers; pumps; sheaves and drives.

Wright Chemical Corp.
1319 Wabansia Ave., Chicago 22, Ill.
Phone: EV. 4-7100.
V. L. Merle, pres. & treas.; J. S. Babush, v. p.; D. R. Walser, secy.
Water conditioning chemicals and service.

Wright Mfg. Co.
2902 W. Thomas Rd., Phoenix 17, Ariz.
Phone: 278-8571.
J. L. Wright, pres.; O. M. Johnston, v. p.; L. N. Tenny, v. p.-mfg.; H. L. Paulus, v. p.-refrig. div.; T. A. Adams, western sales mgr.; J. Rowe, eastern sales mgr.; B. Sexton, adv. mgr.; R. R. Russel, pur. agt.; C. Thompson, service mgr.; H. Proll, export mgr.
Refrigeration and air coolers.

Wysong & Miles Co.
625 Fulton St., Greensboro, N. C.
Phone: BR. 5-2864.
R. F. Hall, Sr., bd. ch.; R. F. Hall, Jr., pres.; W. R. Kime, exec. v. p.; R. H. Weisner, v. p. & chief engr.; R. L. Beall, adv. mgr.; J. M. Brantley, Jr., pur. agt.
Machine tool metalworking machinery; squaring shears and bending rolls.

X

X-Pando Corp.
43-15 36th St., Long Island City 1, N. Y.
Phone: STillwell 4-7180.
W. F. Mano, pres. & sales mgr.; J. Mano, Jr., mgr. refrig. div. & factory mgr.
Pipe joint compound.
Trade Names: Cauxeal; Trav-Mar.

Y

Yardley Plastics Co.
142 Parsons Ave., Columbus 15, Ohio.
Phone: 221-7401.
Branch Factory: Chatham, Ont., Can.
F. B. Hill, Jr., bd. ch.; F. B. Hill, III, pres.; W. E. Jacobson, exec. v. p.; C. Ebner, v. p.; R. Rosel, v. p. & sales mgr.; G. Fulmer, custom sales mgr.; W. R. Hite, sales prom. mgr.; C. Karshner, factory mgr.; J. Mertz, service mgr.; R. Tope, extrusion engr.
Plastic pipe and fittings; custom molding and extrusion; custom decorating of plastic items.
Trade Names: Clearstream; Sub-Du-It; Con-X-It; Golden Jet; Black Diamond.

Yarnall-Waring Co.
102 E. Mermaid Lane, Philadelphia 18, Pa.
Phone: CH. 8-2600.
D. R. Yarnall, bd. ch.; F. W. Miller, pres.; J. A. Steer, v. p.-sales; R. S. Pollard, v. p., dist. products sales; D. R. Yarnall, Jr., v. p.-mfg.; W. J. Miller, adv. mgr.; J. A. Welker, pur. agt.
Impulse steam traps.
Trade Name: Yarway*.

Yates-American
729 Fourth St., Beloit, Wis. Phone: EM. 5-7731.
J. J. Gallagher, pres.; Frank McNanie, nat. sales mgr.; C. M. Stokes, secy.-treas.; Robert Kocmoud, adv. mgr.; R. W. Daniels, pur. agt.
Ice vending machinery.
Trade Name: Y-A Ice Boy.

Yeats Appliance Dolly Sales Co.
2124 N. 12th St., Milwaukee 5, Wis.
Phone: COncord 4-9240.
James Barksdale, pres.; Albert Marin, sales mgr.; Robert Marin, service mgr.
Dollies for air conditioning, refrigerator, and vending machines.

York Div., Borg-Warner Corp.
Grantley Rd., York, Pa. Phone: 30-731.
Branch Factory: Decatur, Ill.
J. B. Elliott, pres.; A. Rising, v. p.-mktg.; A. B. Newton, v. p.-research & dev.; R. P. Marshall, v. p.-mfg.; W. F. Lynne, v. p. & treas.; M. S.

Lebair, v. p.-trade rel.; M. V. Bailliere, v. p.-controller; M. F. Dick, secy. & gen. coun.; R. G. Meisenhelder, dir. ind. rel.; A. E. Diehl, mgr. engrg.; S. M. Miner, gen. mgr.-services; W. G. MacBride, asst. gen. mgr.-services; B. F. Becker, mgr. pur.; K. F. Carroll, works mgr.
Air conditioning, heating, and refrigeration.
Engineered Machinery Div.
W. H. Divine, asst. gen. sales mgr.; Fred Wood, mgr., air cond. sales; A. S. Smiley, mgr. refrig. sales; W. S. Miller, mgr. marine sales.
Industrial air conditioners, refrigeration, evaporative condensers, locker plant systems, ice makers, controls, valves.
Trade Names: Turbopak; Turbomaster; Yorkaire 3-Pipe; Marinepak; Yorkpak; Hydraline; Coldnet.
Packaged Product Div.
R. F. Kelly, gen. sales mgr.; D. H. Crawford, sales mgr., resid. & com'l; B. D. Maseritz, sales mgr., ice and cond. units.
Packaged air conditioning, heating, refrigeration, and ice equipment.
Trade Names: Climaster; Challenger; Pathfinder; Twinline; Champion; Embassy; Adventurer; Discoverer; Conqueror; Flexomatic.
O.E.M. & Mobile Products
T. J. Ammel, sales mgr.

York-Shipley, Inc.
500 Jessop Pl., York, Pa. Phone: 3-8831.
S. H. Shipley, bd. ch.; L. H. Brenneman, pres.; W. A. Lake, v. p.-mktg.; G. D. Frank, v. p.-indus. div. sales; C. H. Neilman, v. p.-engrg.; D. J. Norbeck, dir. pur.
Boilers, furnaces, burners—residential, industrial, commercial.
Trade Names: York-Heat; York-Power; Jackson & Church.

Young Radiator Co.
709 S. Marquette St., Racine, Wis.
Phone: MElrose 2-4441.
Branch Factory: Mattoon, Ill.
F. M. Young, pres.; A. Y. Troxell, v. p.-mfg. & asst. gen. mgr.; H. F. Brinen, v. p.; W. G. Schlichting, sales mgr.; E. E. Sesso, asst. adv. mgr.; W. E. Becker, pur. agt.; W. V. Astrup, chief engr.
Air conditioning units, heating units, fan-coil units, coils.
Trade Names: Roomaire*; Vertiflow*; Perimaheat*.

Young Regulator Co.
20910 Miles Pkwy.,Cleveland 28, Ohio.
Phone: MO. 3-5646.
E. O. Young, owner; R. J. Komar, office mgr.; W. J. Zimmer, production mgr.
Manually controlled regulators; dampers; regulator and damper accessories; registers; grilles and baseboard diffusers for all types of heating and air conditioning for industrial, commercial, residential, and maritime installations.

Youngstown Sheet & Tube Co., The
Youngstown 1, Ohio. Phone: 758-6411.
Branch Factories: Indiana Harbor, Ind.; Youngstown, Ohio.
J. L. Mauthe, bd. ch.; A. S. Glossbrenner, pres.; M. H. Watkins, v. p.-sales; J. P. DeHetre, sales mgr.; R. A. Curl, sales prom. mgr.; C. Lucas, chief engr.; T. J. Connolly, export mgr.
Conduit and fittings; stampings, alloy and steel sheet metal; alloy and steel tubing; galvanized; plastic pipe.
Trade Names: Buckeye*; Yoloy*; Fibercast.

Yuba-Aimco Div. of
Yuba Consolidated Industries, Inc.
1901 S. Maybelle, Box 9607, Tulsa, Okla.
Phone: LU. 5-5701.
H. J. Agnew, gen. mgr.; B. L. Roberts, sales mgr.; J. D. Swank, chief engr.; T. G. Agnew, pur. agt.
Air-cooled condensers and condensing units, residential and commercial; fin tubing.
Trade Name: Fandaire.

Yula Corp.
330 Bryant Ave., New York 59, N. Y.
Phone: WY. 1-0900.
R. B. Zinser, pres.; I. S. Feldman, v. p. & chief engr.; Rose Ferry, secy; Rose Yula, treas.
Heat exchangers.
Trade Names: Yulatrol; Yulatom.

Z

Zatko Metal Products Co.
20850 St. Clair Ave., Euclid 17, Ohio.
Phone: KEnmore 1-8005.
L. T. Zatko, pres.; J. L. Menart, v. p.; S. S. Spirakus, secy.
Stamped steel one piece pulleys; fixed pitch pulleys; variable speed pulleys.
Trade Name: Silent-Ride.

Zero Cold, Inc.
1858 S. Los Angeles St., Anaheim, Calif.
Phone: KE. 3-3167; MA. 5-7807.
E. Burgess, pres.; W. H. Dial, v. p. & sales mgr.; C. Harrison, secy. & plant mgr.; Walter McBee, gen. mgr.; Bob Hesketh, pur. agt.; O. La Grou, chief engr.
Store fixtures; special egg cases with wire baskets; dairy fronts; refrigerated special wine cellars.
Trade Names: EZC; Thinline.

Ziegler & Co., G. S.
Great Neck, N. Y. Phone: HUnter 2-8600.
Branch Factory: New Market, N. J.
G. S. Ziegler, O. G. Clement, D. C. Nelson, J. D. Godina, partners.
Loose fill insulation.
Trade Names: Gilsonite; Tri-Sul-Ite; Tri-Gard.

Zink Co., John.
4401 S. Peoria, Tulsa, Okla. Phone: RI. 7-1371.
John Zink, pres.; John Zink, Jr., v. p.; R. D. Reed, v. p.; F. R. Holcomb, v. p.
Burners, heaters, floor furnaces, air conditioners, forced air furnaces, attic fans.

Zippertubing Co., The
13000 S. Broadway, Los Angeles 61, Calif.
Phone: FAculty 1-3901.
W. A. Plummer, pres.
Plastic, insulated, zippertubing.
Trade Names: Zipduct; Anti-Drip; Thermazip; Ductwrap.

Zonolite Co.
135 S. LaSalle St., Chicago 3, Ill.
Phone: CE. 6-5885.
A. T. Kearney, ch.; J. A. Kelley, pres.; R. W. Sterrett, v. p.-sales; D. J. Boone, v. p.; D. L. Prouty, v. p.; P. R. Strand, adv. mgr.; L. O. Franz, pur. agt.
Vermiculite insulation and aggregate.

Trade Name Listings

This section is designed to facilitate the identification of products bearing a name other than that of the manufacturing company. Therefore, only those TRADE NAMES differing from manufacturers' company names are listed. Where the trade name is the same as the company name, it can be located in the Alphabetic Listings of Manufacturers.

Indicates *Registered Trade Name

A

A-3*—Airkem, Inc.
A-5—American-Standard, Plumbing & Heating Div.
A-7—American-Standard, Plumbing & Heating Div.
AA—Tenney Engineering, Inc.
AAF—American Air Filter Co., Inc.
ABCO—Allegheny Body Co., Inc.
ABK Material—American Brake Shoe Co.
Abrams—Mason Worcester Brush Co.
ABSCO Metal—American Brake Shoe Co.
Abso-Dry*—Henry Valve Co.
Absolute*—Cambridge Filter Corp.
ACCO*—Manitowoc Equipment Works
Ace—A.B.T. Mfg. Corp.
ACE*—Atlantic Chemical & Equipment Co.
Acet-O-Lite—Goss Gas, Inc.
Acme—Thompson Mfg. Co., A. F.
A-Con—Air-Con Filter Corp.
AcoustaFan—New York Blower Co., The
Acragage—Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Adaptatherm—Tuttle & Co., H. W.
Adapto-Jet—McDonald Mfg. Co., A. Y.
Adaptomatic—Fedders Corp.
ADC—Fischer & Porter Co.
ADCO—Dalkin Co.
Adjust-All*—Weksler Instruments Corp.
Adjust-Angle*—Weksler Instruments Corp.
Adjusto Deck—Haertel Co., Walter
Adjustoflex—Jamison Cold Storage Door Co.
Adjusto-V—Hastings Air Control, Inc.
Adsorbit—Barnebey-Cheney
Adventurer—York Div., Packaged Product Div.
AE Osmetrol—Airkem, Inc.
Aero—Niagara Blower Co.
Aerocor—Owens-Corning Fiberglas Corp.
Aeroflex*—Anchor Plastics Co., Inc.
Aero Flex—Auer Register Co., The
Aero-Foil—Triangle Engineering Co.
Aerofuse—Tuttle & Bailey
Aeromatic*—Octagon Ventilator Mfg. Co.
Aeropass—Niagara Blower Co.
Aeroquip—Hedeman Products, Inc.
Aerosolve*—Cambridge Filter Corp.
Aerospot—South Bend Air Products, Inc.
Aerovane—Tuttle & Bailey
AFCO*—American Furnace Co.
A.G.—Farrelloy Co.
Agitair*—Air Devices, Inc.
AGN—Springfield Wire & Tinsel Co.
AGV—Springfield Wire & Tinsel Co.
Aicco-Sol—Allegheny Industrial Chemical Co.
AIM*—Acme Steel Co.
Air Commander—K & B Distributors & Mfg.
Air-Con Emulsion—American Sand-Banum Co., Inc.
Aircons—McQuay, Inc.
Air-Con Spray—Air-Con Filter Corp.
Aircoustat*—Koppers Co., Inc., Metal Products Div.
Airditioner*—Modine Mfg. Co.
Airdyne—Air Dynamics, Inc.
Air-Ease*—Johnson Furnace Co., The
Airefiner—Oakite Products, Inc.
Aire-Flo—Lennox Industries, Inc.
AIRefrigeration*—Williamson Co., The
Aire Rectifier—Lintern Corp., The
Air Ex-ostr*—Gallaher Co., The
Airflow—Sealed Units, Inc.
Airfoil—Titus Mfg. Corp.
Airicidin*—Easton R. S. Corp.
Air-In*—Octagon Ventilator Mfg. Co.
AIRISTOCRAT—Torrington Mfg. Co., The
Airmaster—Haertel Co., Walter
Airmat Drifilter—Airgard Mfg. Co.
Air-Max*—Gallaher Co., The
Air Meter—Hastings-Raydist, Inc.
Airmover—Swartwout Fabricators, Inc.
AirMpeler*—Ammerman Co., Inc.
Airotor—Torrington Mfg. Co., The
AirPAC—Air Door, Inc.
Airphlo*—Octagon Ventilator Mfg. Co.
Airpure*—Flanders Filters, Inc.
Air-Rad—Pebbco Industries Inc., Penn Boiler Div.
Airsan—Air Filter Corp.
Airsan—Burke & Co.
AIR-SKREEN—Tyler Refrigeration Corp.
Airstream Conveyor—Dracco Div.
Air-Trol—Holly-General Co.
Air-Van*—Gallaher Co., The
Air-Vane—Rock Island Register Co.
Air Vec—Edwards Engineering Corp.
Air-Wall*—General Electric Co.
Air Weave—Phifer Wire Products
Air-X-Hausters—Breidert Co., The G. C.
Air-X-It*—Octagon Ventilator Mfg. Co.
AirXpeler*—Ammerman Co., Inc.
A.I.W.—Leviton Mfg. Co., Inc.
Akro—Akron Metallic Gasket Co.
Akronite—Akron Metallic Gasket Co.
Alabax*—Pass & Seymour, Inc.
Alaskan—Amcoin Corp.
Alcoa—Aluminum Co. of America
AL-dec—Bohn Aluminum & Brass Corp.
Alfco—Aluminum Filter Co.
Alfol—Reflectal Corp.
Algco—Auburn Mfg. Co., The
Alkasteem—Anderson Chemical Co., Inc.
All Electric*—Sundstrand Engineering Co.
Allispede—Allis Co., The Louis
All-O-Matic—Universal Water Softener Co.
All-Weather*—Robbins & Myers, Inc.

Alma—Mason Worcester Brush Co.
Alodine—Amchem Products, Inc.
ALOYGLAS—Forty-Eight Insulations, Inc.
Alpha—Lunkenheimer Co., The
Alpha 101—Alpha Plastics, Inc.
Alpha 102—Alpha Plastics, Inc.
Alphatrim—Alpha Plastics, Inc.
Alpine—International Metal Products Div.
Altivar*—Rotron Mfg. Co.
Aluma-Craft—Hupp International Div.
Alumalift—Amble Mfg. Co.
Alumalytic*—General Electric Co., Capacitor Dept.
Alumilastic—Parr Paint & Color Co., The
Aluminized Steel—Armco Div.
A-lum-o-aire—Carey Electronic Engineering Co.
Alvor—Lunkenheimer Co.
Ambassa-door—Williams Refrigeration, Inc.
Ambraze—American Brazing Alloys Co.
AMCO—American Moistening Co.
Amco*—American Solder & Flux Co.
Amco 30—Amcoin Corp.
Amer-Glas—Repco, Inc.
American—Manning, Maxwell & Moore, Inc.
Amesteam—Ames Iron Works, Inc.
AMF-Aristocrat—Dalkin Co., A.
AMF Lowerator—American Machine & Foundry Co.
Aminco—American Instrument Co., Inc.
Aminco-Dunmore—Hygrodynamics, Inc.
Am-Pak—Utility Fan Corp.
Ampli-speed—Electric Machinery Mfg. Co.
Ampro—American Machine Products, Inc.
Amprobe—Pyramid Instrument Corp.
AMSCO—American Brake Shoe Co.
Anchrome—Anderson Chemical Co., Inc.
ANCO*—Anderson Chemical Co., Inc.
Ancorene*—Anchor Plastics Co., Inc.
Andrite—Ansul Chemical Co.
Anemotherm—Anemostat Corp. of America
Anklon—Anchor Packing Co., The
Ankorite—Anchor Packing Co., The
Annie Analyzer—Mechanical Refrigeration Enterprises
Ano-Coil*—Fromson Orban Co., Inc.
Anti-Drip—Zippertubing Co.
Anti-Static #79—Merix Chemical Co.
A-P—Controls Co. of America, Heating & Air Conditioning Div.
APCO—American Products Corp.
APCO—Aurora Pump Div.
Aprilaire*—Research Products Corp.
April Showers—Swartwout Fabricators, Inc.
APW 1200 Flux*—Engelhard Industries, Inc., American Platinum & Silver Div.
Aqua-Bar—Ebco Mfg. Co.
AquaCooler*—Marley Co., The
Aqua Line—Peerless Pump Hydronics Div.
Aqua-Magic—Viking Air Products
Aqua-Pure—Cuno Engineering Corp.
Aquarius—Ebco Mfg. Co.
Aqua-Serv—Dearborn Chemical Co.
Aquatower*—Marley Co., The
A&R Products—Air & Refrigeration Corp.
Arcade—Bordner Mfg. Co.
Arco—American-Standard, Plumbing & Heating Div.
Arcoflame—American-Standard, Plumbing & Heating Div.
Arcoleader—American-Standard, Plumbing & Heating Div.
Arcoliner—American-Standard, Plumbing & Heating Div.
Arctic Circle—International Metal Products Div.
Arctic Jet—Warren Co., Inc., The
ARDCO—Aluminum Refrigerator Door Co., Inc.
Arlo—Permatron Corp.
Armafil—Armstrong Contracting & Supply Corp.
Armaflex—Armstrong Contracting & Supply Corp.
Armaflex—Armstrong Cork Co.
Armaglas—Armstrong Contracting & Supply Co.
Armakote—Hatfield Wire & Cable
Armalite—Armstrong Contracting & Supply Corp.
Armalite—Armstrong Cork Co.
Armatemp—Armstrong Contracting & Supply Corp.
Armored—Imperial Electric Co.
Armor-Gards—New Departure Div.
Arrow—Dowagiac Steel Furnace Co.
Artcraft—Chicago Steel Furnace Co.
Artho—Superior Refrigerator Mfg. Co., Inc.
Artic Air—Barron Products, Inc.
Artic-Kar*—Capitol Refrigeration, Inc.
Asbestos Ebony—Johns-Manville
ASCO*—Automatic Switch Co.
Ashcroft—Manning, Maxwell & Moore, Inc.
Asmc—Farrelloy Co.
Astral—Morphy-Richards, Inc.
Astrogard—Payne Co., The
Astro-Lab—Moore & Hanks Co.
Astro-Seven—Amcoin Corp.
Atlas—Global Air Conditioning
Atlas—Johnson Plastic Corp.
Atlas—Smith Co., J. B.
Atlas Balls—SKF Industries, Inc.
Atmos-Pak*—Air Conditioning, Inc.
Atomick—Maid-O'-Mist, Inc.
Aubeston—Auburn Mfg. Co., The
AudiCon*—Nesbitt, Inc., J. J.
Auger Point Drills—Tilden Tool Mfg. Co., Inc
Auto Close—Jamison Cold Storage Door Co.
Auto-Klean—Cuno Engineering Corp.
Automatic*—Vornado Auto Air Conditioner
Automatic Housekeeper*—Trion, Inc.
Automaze—Air-Maze Div.
Auto-Temp—Tempromatic Corp.
Auto-Vent—Maid-O'-Mist, Inc.
Axiflo—Westinghouse Electric Corp., Sturtevant Div.
Aximax*—Rotron Mfg. Co.
Axivane*—Joy Mfg. Co.

B

B.A.C.—Baltimore Aircoil Co., Inc.
BBB—Becker Bros. Carbon Co.
BFC—Bernard-Franklin Co., Inc.
Bob—Robert Mfg. Co.
BPS—Patterson-Sargent Co.
BTR—Lord Mfg. Co.
Bactericide—Oakite Products, Inc.
Badger—Reliance Time Controls, Inc.
Bakelite—Union Carbide Plastics Co.
Bake-N-Freez—Schmidt Co., The C.
Baker—Paxton-Mitchell Co.
Bakerator*—Manitowoc Equipment Works
Balsam-Wool*—Wood Conversion Co.
Banner—Lunkenheimer Co.
Banox*—Calgon Co.
Bantam—Gelber & Sons, Inc.
Bantam—Haaser Sales Co.
Bantam—Leitner Equipment Co.
Bantam—Small Motors, Inc.
Barrel—Selmix Dispensers, Inc.

Indicates Registered Trade Name

Barrymount*—Barry Controls, Inc.
Bayce-Heet—Brown Products Corp., A.
B-Con—Air-Con Filter Corp.
Becht—Tyler Refrigeration Corp.
Belcap—Sprague Electric Co.
Belcobalsa*—Balsa Ecuador Lumber Corp.
Bell-Ex—New York Blower Co., The
Beltemp—Beltz Engineering Laboratories
Benda-Vane—Rock Island Register Co.
Bernz-O-Matic—Bernz Co., Inc., Otto
Bernzrite—Bernz Co., Inc., Otto
Bevador—Jewett Refrigerator Co., Inc.
Bev-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Bevco-Maid—Bevco Co., Inc., The
Bev-Kold—Bevco Co., Inc., The
Bev' Serv—La Crosse Cooler Co.
Bifurcator—DeBothezat Fans Div.
Big 'D'—LeFevre Chemical Co.
Bilge Skipper—Jabsco Pump Co.
Bilt-In—Revco, Inc.
Bitan—Garlock, Inc.
Black Beauty—Perlick Co., Inc., The
Black Diamond—Yardley Plastics Co.
Black Flux*—Engelhard Industries, Inc., American Platinum & Silver Div.
Black Magic—Barnebey-Cheney
Blastaire—Revcor, Inc.
Blend-Air—Coleman Co., Inc., The
Blizzard 161—Weber Showcase & Fixture Co., Inc.
Block Baked—United Cork Companies
Blower Heaters—Insto-Gas Corp.
Blu-Cold*—Lehigh Mfg. Co.
Blue Bantam*—Henry Valve Co.
Bluebird—La Crosse Cooler Co.
Blue Bond—Clipper Mfg. Co.
Blue Dot—Imperial-Eastman Corp.
Blue-Point*—Snap-on Tools Corp.
Blue Seal Emulsion—American Sand-Banum Co., Inc.
Blue Streak—Wabash Corp.
Bobby—Robert Mfg. Co.
Bobtail—Leitner Equipment Co.
Bohn-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Bohnalite—Bohn Aluminum & Brass Corp.
Bohnalloy—Bohn Aluminum & Brass Corp.
Bohn-el—Bohn Aluminum & Brass Corp., Danville Div.
Bohn-Kote—Bohn Aluminum & Brass Corp., Danville Div.
Bon-Air—Arklon Products Co.
Bondmaster*—Rubber & Asbestos Corp.
Bon-E-Con*—Bonney Forge & Tool Works
Booth—Specialty Engineering Corp.
BosMaco*—Boston Machine Works Co.
Boston—American Biltrite Rubber Co., Boston Woven Hose & Rubber Div.
BostRon—American Biltrite Rubber Co., Boston Woven Hose & Rubber Div.
Bracketmaster—Aeroquip Corp.
Bradley—Ameri Kern Mfg. Corp.
Braxon—Anderson Chemical Co., Inc.
Brazaloy*—All-State Welding Alloys Co., Inc.
Brazeweld—Avon Tube Div.
Break-Away—Primore Sales, Inc.
Breech-Lock—Lunkenheimer Co., The
Breeze—Controls Co. of America, Heating & Air-Conditioning Div.
Breezebuilder—Bar-Brook Mfg. Co., Inc.
Brilliant Fire—Ohio Foundry & Mfg. Co.
Brite-Gard—New Departure Div.
Brite-Kote*—Hammond Valve Corp.
Bronze Valves—Hammond Valve Corp.
Brownie*—Brown Mfg. Co., Inc., The
Brown-X*—Pass & Seymour, Inc.
Buckeye*—Youngstown Sheet & Tube Co., The
Buckingham—Heat Exchangers, Inc.
Budgit—Manning, Maxwell & Moore, Inc.
Built-up Line—Electro-air Cleaner Co., Inc.
Bull Dog—American Biltrite Rubber Co., Boston Woven Hose & Rubber Div.
Bull Dog—Refrigeration Research, Inc.
Bullet—Sealed Unit Parts Co., Inc.
Bundyweld—Bundy Tubing Co.
Burd—Gould-National Batteries, Inc., Engine Parts Div.
Burks—Decatur Pump Co.
Buss—Bussmann Mfg. Div.
Butterfly #54—Standard Metal Fabricating Co.

C

C8—G-V Controls, Inc.
Cadillac—Johnson Plastic Corp.
Caintape—Cain Mfg., Inc.
CalClean*—Calgon Co.
Cali-Flo—Watkins Co., J. E.
Cam Bolt—Simmons Fastener Corp.
Campco—Custom Molding Div.
Cannibal*—Sunshine Chemical Co., Inc., John
Can-O-Gas—Virginia Chemicals & Smelting Co.
Can Tap—Watsco, Inc.
Capella—Texaco, Inc.
Capilator—Wolverine Tube Div.
Capillary*—Air & Refrigeration Corp.
Capitolaire—Crane Co., Plumbing, Heating, Air Conditioning Group, Air Conditioning & Refrigeration Div.
Cappy—Watsco, Inc.
Capri—Continental APCO, Inc.
Carbo-mix—Perlick Co., Inc., The
Carbonite—Anchor Packing Co., The
Careytemp—Carey Mfg. Co., The Phillip
Carmet*—Allegheny Ludlum Steel Co.
Carry-Stand—Airserco Mfg. Co.
Cartrol-Aire*—Cartrol Corp., The
Cart-Stand—Airserco Mfg. Co.
Cascade—Amcoin Corp.
Catch-All—Sporlan Valve Co.
Cauxeal—X-Pando Corp.
Cavalier—Airkem, Inc.
CBC Series—Havens Cooling Towers
CC Coating*—Chemical Solvent Co.
CC-77—Fedders Corp.
CDM*—Curtis Development & Mfg. Co.
Cee Tee Co—Crescent Tool Co.
Cell-Tite*—Silvercote Products, Inc.
Centralaire—Airtherm Mfg. Co.
CenTraVac*—Trane Co., The
Centriflo—Hartell, Inc.
Centriline—Westinghouse Electric Corp., Sturtevant Div.
Centuriflo—McDonald Mfg. Co., A. Y.
Century—McDonald Mfg. Co., A. Y.
Century—Smith Co., Inc., The H. B.
Cerfa-Kleen—Houghton & Co., E. F.
Cerrobend—Cerro Sales Corp.
Cerrocast—Cerro Sales Corp.
Cerromatrix—Cerro Sales Corp.
Cerrotru—Cerro Sales Corp.
Certified Climate*—Parks-Cramer Co.
C-H—Cutler-Hammer, Inc.
Challenger—Peerless Corp.
Challenger—Raetone Commercial Refrigerator Corp.

CHALLENGER—York Div., Packaged Product Div.
Champion—Standard-Keil Hardware Mfg. Co., Inc.
Champion—Tyler Refrigeration Corp.
CHAMPION—York Div., Packaged Product Div.
Charg-A-Can—American Potash & Chemical Corp.
Cheekmaster—Duro Dyne Corp.
Chem Aqua—National Chemsearch Corp.
Chemoxide—Colonial Alloys Co.
Chest-O-Cold—Commercial Fixture Co.
Chevron—Garlock, Inc.
Chicago—Dreis & Krump Mfg. Co.
Chief—Dowagiac Steel Furnace Co.
Chill-Air—Erickson Industries, Inc.
Chill-A-Tron*—Kritzer Products
Chilljet—Imeco, Inc.
Chill-Vactor—Croll-Reynolds Co., Inc.
Chlorothene—The Dow Chemical Co.
Choc-Lo-matic—Heat Exchangers, Inc.
Chopperette—Victory Engineering Corp.
Chromalox—Wiegand Co., Edwin L.
Chromatone—Fine Products Co.
Chrome-X*—Pass & Seymour, Inc.
Cincinnati—Thor Power Tool Co.
CinTarg Pilot—Grayson Controls Div.
Circle-Vec—Forston Co., The
Circulair—Kisco Co., Inc.
Cirklair—Folsom Co., Inc.
Clamp Lock—Simmons Fastener Corp.
Classic—La Crosse Cooler Co.
Clean Air—Phifer Wire Products
Cleanaire—Ohio Carbon Co.
Clean-Fit—Mill-Rose Co.
Clean-It—Hastings Air Conditioning Co., Inc.
Clean-It—Hastings Air Control, Inc.
Clear-Sele—Rust-Oleum Corp.
Clearstream—Yardley Plastics Co.
ClickDial—Penn Controls, Inc.
Clima Pump—Peerless Corp.
Climaster—York Div., Packaged Product Div.
Climate Changer—Trane Co., The
Climatimer—Fedders Corp.
Clima-Twin—Round Oak Div.
Climax—Waukesha Motor Co.
Clinigraph*—Weksler Instruments Corp.
Cliptak—Cain Mfg., Inc.
Clix-On—Standard Metal Fabricating Co.
Clorinol—Sprague Electric Co.
Clover—Howard Refrigerator Co., Inc.
Clubster—La Crosse Cooler Co.
cMc*—National Modulation Co.
Coal-Pak—International Boiler Works Co.
Coatrite*—Rathbun Co.
Coaxitube—Precision Tube Co., Inc.
Coffee Shoppe*—Continental APCO, Inc.
Cold Blast—Warren Co., Inc., The
Cold Cache—Room-Temp Lockers, Inc.
Cold-Cel—Dole Refrigerating Co.
Coldjet—Imeco, Inc.
Coldmobile*—Transportation Cooling Div.
Coldnet—York Div., Engineered Machinery Div.
Cold-Shelf—Barkow Mfg. Co., Inc., Aug. G.
Cold Star—Star Cooler Corp.
Cold Steam*—Walton Laboratories, Inc.
Coldveyor—Barron Products, Inc.
Cole-Spa*—Cole Vending Industries, Inc.
Coloramics*—Warren Co., Inc., The
Color-Cord—Pacific Electricord Co.
ColorLine—Unistrut Products Co.
Colplate*—Dean Products, Inc.
Colshelf—Weber Showcase & Fixture Co., Inc.
Col-Temp—Simplex Refrigeration Corp.
Columbia—National Steel Construction Co.
Combinex*—Kritzer Products
Comet—Kent Co., Inc.
Comforclime—Waterman-Waterbury Co.
Comfort-Aire*—Heat Controller, Inc.
Comfort Curtain—Lennox Industries, Inc.
Comfortemp—Comfort Products, Inc.
Comfortmaker*—American Furnace Co.
Comfortmaster—Air Conditioning Industries, Inc.
Comfortmaster—Thatcher Furnace Co.
Comfortrol*—Waterman-Waterbury Co., The
Command-Aire—Texas Products Mfg. Co.
Commercialaire—Frigid, Inc.
Commercial-Aire—Mammoth Industries, Inc.
Compact—Philco Corp.
Compact-Aire—Mammoth Industries, Inc.
Compact Drive-In—Leitner Equipment Co.
Compact Line—Electro-air Cleaner Co., Inc.
CompacTower*—Marley Co., The
Compak—International Boiler Works Co.
Compress-O-Vac*—Advanced Engineering Corp.
Conair—Perfex Corp.
CONDAIRE*—Williamson Co., The
Conditionair—Delco Appliance Div.
Conditionaire—Howe Ice Machine Co.
Conditionaire—Leitner Equipment Co.
Condor—Raybestos-Manhattan, Inc.
Condo-Vac*—Chicago Pump, Hydrodynamics Div.
Conducto—Rudy Mfg. Co.
Conical Keystone*—Huck Mfg. Co.
Conic Flow Silencers—Industrial Acoustics Co., Inc.
Conomanual—Continental Air Filters, Inc.
Conomatic—Continental Air Filters, Inc.
Conoseal—Aeroquip Corp.
Conqueror—York Div., Packaged Product Div.
ConSawMatic—Clipper Mfg. Co.
Con-Seal*—West Chester Chemical Co.
Conservo*—Hewitt Robins, Inc., Hewitt Rubber Div.
Consolaire—Remington Air Conditioning Div.
Consolidated—Manning, Maxwell & Moore, Inc.
Con-Tac-Tor—Micro Switch Div.
Continental—National Steel Construction Co.
Continental—Quicfrez, Inc.
Continental Voyager—Forston Co., The
Contour Trentweld—Trent Tube Co.
Contractor—Barber Mfg. Co., The
Convertitrol—Franklin Electric Co., Inc.
Convey-O-Pac—Weber Showcase & Fixture Co., Inc.
Con-X-It—Yardley Plastics Co.
Cool-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Cool-Circle-Ator—Kisco Co., Inc.
Coolerama—Sherer-Gillett Co.
Coolerator*—Albion Div.
Coolero*—Hirschman-Pohle Co., Inc.
Coolex—Anderson Chemical Co., Inc.
Cool Heat*—Drying Systems Co.
Coolie—Coolstream Corp.
Coolmaster—Kramer Trenton Co.
Coolpad*—Research Products Corp.
Coolpak—Century Engineering Corp.
Cool Queen—Frigiquip Corp.
Copelametic—Copeland Refrigeration Corp.
Copelaweld—Copeland Refrigeration Corp.
Copr-fibre—Forty-Eight Insulations, Inc.
Co-Ray-Vac*—Roberts-Gordon Appliance Corp.
Cor-In—Rotometals

**Indicates Registered Trade Name*

Cork Flex*—Vibration Mountings & Controls, Inc.
Cork Rib*—Vibration Mountings & Controls, Inc.
Cornair—Witt Co., Inc., A. H.
Coro-Gard 1706*—Minnesota Mining & Mfg. Co., Adhesives, Coatings & Sealers Div.
Coronado—Continental APCO, Inc.
Coronet—Heat Exchangers, Inc.
Corsaire—Rheem Mfg. Co.
Counter Chef—Leitner Equipment Co.
Counterflo—Dravo Corp., Engineering Works Div.
Count-R-Cooler—Leitner Equipment Co.
Creamer—Leitner Equipment Co.
Cres-Cor—Crescent Metal Products, Inc.
Crest*—Kold-Hold Div.
Crestline—Metalaire Products Div.
Crestline—Myers & Bros. Co., The F. E.
Crestogrip—Crescent Tool Co.
Crestolock—Crescent Tool Co.
Crestoloy—Crescent Tool Co.
Croloy—Babcock & Wilcox Co., Tubular Products Div.
Cross-Vu*—Henry Valve Co.
Crown—Hannifin Co.
Crystal Tips*—American Automatic Ice Machine Co.
Crystal Tips—McQuay, Inc.
CSCO*—Chemical Solvent Co.
CUBE "N" CRUSH—Mannhardt & Son, W.
Curtain-Air—Warren Co., Inc., The
Curtainaire*—Carnes Corp.
Curvall*—Jarrow Products, Inc.
Curvette—Kramer Trenton Co.
Custom Line—Electro-air Cleaner Co., Inc.
CUSTOMline—White-Rodgers Co.
CW*—National Supply Div.
Cycle Center—Watkins Co., J. E.
Cyclo-Core—New England Carbide Tool Co., Inc.
Cyclodiene—Colonial Alloys Co.
Cyclo-Trell*—Research-Cottrell, Inc.
Cyclo-twist—New England Carbide Tool Co., Inc.
Cyl-Seal—West Chester Chemical Co.

D

Dacor—Barnebey-Cheney
Daffinaire*—HERRmidifier Co.
Daisy*—Huck Mfg. Co.
Dampcoat—Wilbur & Williams Co., The
Dari-Kool*—Dairy Equipment Co.
Dari-Lad—La Crosse Cooler Co.
Datalites*—Dialight Corp.
Data Matrix*—Dialight Corp.
Data Strip*—Dialight Corp.
De-Acidite—Permutit Co., The
Dearcide—Dearborn Chemical Co.
DEC—Dairy Equipment Co.
Decalso—Permutit Co., The
Deckmate—Dyfoam Corp.
Decor-A-Trim—Bohn Aluminum & Brass Corp.
Deepfreeze—Amana Refrigeration, Inc.
Deep Well—Randall Graphite Bearings, Inc.
Defrostair—Witt Co., Inc., A. H.
de-frost-it—Paragon Electric Co.
De-Frost-O-Matic—Paragon Electric Co.
Delpark*—Commercial Filters Corp.
Delta—Recold Corp.
Deltric—Recold Corp.
Demco—Dayton Electric Mfg. Co.
Dem-Kote—Dayton Electric Mfg. Co.
Deoterge—Airkem, Inc.
Deox—National Chemsearch Corp.
Deoxo Flux*—Englehard Industries, Inc.
Desiccite—Filtrol Corp.
Despard Line*—Pass & Seymour, Inc.
De-Sta-Co—Detroit Stamping Co.
Detect-A-Fire*—Fenwal, Inc.
Dew Maker*—Warren Co., Inc., The
DFN—McIntire Co., The
Dial-A-Charge—Robinair Mfg. Corp.
Dial-A-Flo*—General Controls Co.
Dialaire*—Dialatemp, Inc.
Dialco*—Dialight Corp.
Diamalloy—Diamond Tool & Horseshoe Co.
Diamond—Imperial-Eastman Corp.
Diamond—McDonald Mfg. Co., A. Y.
"Diamond H"—Hart Mfg. Co., The
Diceler—General Mining & Mfg. Co.
Dickbelt—Dick Co., Inc., R. & J.
Dickrope—Dick Co., Inc., R. & J.
Dieselite*—Metropolitan Refining Co., Inc.
Diffusaire—Hart & Cooley Mfg. Co.
Direct-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Directaire—Hannifin Co.
Directflow—Dravo Corp., Engineering Works Div.
Discoverer—York Div., Packaged Product Div.
Display Master—Weber Showcase & Fixture Co., Inc.
Distillex*—Chemical Solvent Co.
Dividend*—Divco-Wayne Corp.
Dixie—Perlick Co., Inc., The
Dixie-Aire—Peerless Corp.
Dixlink—Dick Co., Inc., R. & J.
Dixylon—Dick Co., Inc., R. & J.
D'LUXline—White-Rodgers Co.
Dollar Bill Changer—A.B.T. Mfg. Corp.
Donobilt—Utica Radiator Corp.
Dorex—Connor Engineering Corp.
Double-Flow-Aquatower*—Marley Co., The
Double-Kool—Hasting Air Conditioning Co., Inc.
Double-Kool—Hastings Air Control, Inc.
Dowex—Dow Chemical Co., The
Draftrite*—Bacharach Industrial Instrument Co.
Draw Kold—Tyler Refrigeration Corp.
Dricon—Recold Corp.
DriCooler*—Marley Co., The
Dri-Cor*—Henry Valve Co.
Dri-Fan*—Recold Corp.
Drifreez—Drifreez Div., Federated Electronics, Inc.
Dri-Kleaner*—Alco Valve Co.
Drill Screws—Duro-Dyne Corp.
Drinkmaker*—Council Mfg. Corp.
Dri-Vue*—Henry Valve Co.
Drycid—Oakite Products, Inc.
Dry Crisp—Merix Chemical Co.
DRY-EX*—Acme Industries, Inc.
Dry-Eye—Ansul Chemical Co.
Drygalv*—American Solder & Flux Co.
Dry Kold—Tyler Refrigeration Corp.
Drymaster—Dryomatic Corp.
Drymaster—Mueller Brass Co.
Dryseal*—Revere Copper & Brass, Inc.
Dry-Sys—Thor Power Tool Co.
DSI—Dehydrosal Systems, Inc.
Du-Air—Morrison Products, Inc.
Dual-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Dual Blizzard—Weber Showcase & Fixture Co., Inc.
Dual Duct—Buensod-Stacey Corp.
Dual Jet—Mark & Co., Clayton
Dual Lock—Simmons Fastener Corp.

DUAL-VECTOR*—Kritzer Radiant Coils, Inc.
Ductak—Cain Mfg., Inc.
Ductape*—Arno Adhesive Tapes, Inc.
Duct-D-fuser—United Sheet Metal Co., Inc.
Duct Screws—Duro-Dyne Corp.
Ductwrap—Zippertubing Co., The
Duopac*—Day & Night Mfg. Co.
Duo-Rad—Pebbco Industries, Inc., Penn Boiler Div.
Duo-Test—Madden Brass Products Co.
Duo-Therm—Motor Wheel Corp., Consumer Products Div.
Duo-Trol—Holly General Co.
Duplex—Akron Metallic Gasket Co.
Duplex—Bridgeport Brass Co.
Duplex—Reiner & Campbell Co., Inc.
Duplex Base—Korfund Co., Inc., The
Durabilt—Auer Register Co., The
Durador—Clark Door Co., Inc.
Durafoam—Foamade Industries
Dura-Mount*—Vulcan Radiator Co.
DURA-TEMP*—General Blower Co.
Durethene*—Koppers Co., Inc.
Duro—Lunkenheimer Co., The
Duro-Blade Kit—Duro-Dyne Corp.
Duro-Chrome—Duro Metal Products Co.
Duronze—Bridgeport Brass Co.
Duro-Vane Rail—Duro-Dyne Corp.
Dustgard—United States Gypsum Co.
Dustkop—Aget Mfg. Co.
DUST-magnet—Stoddard Industries, Inc.
Dustronic—Radex Corp.
Dust-Stop—Owens-Corning Fiberglas Corp.
Dustube—Wheelabrator Corp.
Dutch Brand—Johns-Manville
Duty-Master—Reliance Electric & Engineering Co.
Duxseal—Johns-Manville
Dux-Sulation—Wilson, Inc., Grant
Duzall*—All-State Welding Alloys Co., Inc.
Duz-All—Fine Products Co.
Dycon—Continental Air Filters, Inc.
Dylan*—Koppers Co., Inc.
Dylene*—Koppers Co., Inc.
Dylite*—Koppers Co., Inc.
Dymo—Atkomatic Valve Co., Inc.
Dymodrill*—Milwaukee Electric Tool Corp.
Dymorig*—Milwaukee Electric Tool Corp.
Dyna—Brown-Brockmeyer Co., The
Dyna-damp—Lord Mfg. Co.
Dynaflow—South Bend Air Products, Inc.
Dynamaster*—Bristol Co., The
Dyna-Pumps—Gelber & Sons, Inc.
Dynashock—Lord Mfg. Co.
Dynatherm—Bethlehem Foundry & Machine Co.
Dynatrol—Automation Products, Inc.
Dyna-V*—Dodge Mfg. Co.

E

EAC Adhesive—Lester Laboratories, Inc.
EAC Cleaner No. 6—Lester Laboratories, Inc.
Eastonair*—Easton R. S. Corp.
Easy-Flo—Handy & Harman
Easy-Mount—General Electric Co. (Room Air Con.)
Eccentric—DeZurik Corp.
Eclipse*—Frick Co.
Econex—Schutte & Koerting Co.
Econoair—Payne Co., The
Econobank*—Dean Products, Inc.
Econoglo—Drake Mfg. Co.
Econo-Lyne—Wabash Corp.
Econ-O-May—Pebbco Industries, Inc., Penn Boiler Div.
Econ-O-Mizer*—Acme Industries, Inc.
EconoWatt—Redmond Co., Inc.
EDGESEAL*—Technical Filter Co.
ED Set—Utility Fan Corp.
Edison Tropic-Aire*—Albion Div.
Effico*—Hirschman-Pohle Co., Inc.
Effortless—Hannifin Co.
Egg Kool—Dairy Equipment Co.
Egg Mart—Weber Showcase & Fixture Co., Inc.
Eggmaster—Master-Bilt Refrigeration Mfg. Co.
Egg-Nook—Barron Products, Inc.
Ekonomaster—XXth Century Heating & Ventilating Co.
Elasto-Rib—Korfund Co., Inc., The
Electric-Strip—Leitner Equipment Co.
Electrictube—Mark & Co., Clayton
Electrifugal—Allis-Chalmers
ELECTRIONIC—Barber-Colman Co.
Electro-Air—Burke & Co.
Electrobase*—Embassy Steel Products, Inc.
Electroflo—Hays Mfg. Co., Automatic Controls Div.
Electroglide*—Jamison Cold Storage Door Co.
Electrojet—Leitner Equipment Co.
Electromax—Leeds & Northrup Co.
Electro-Mite—Hays Mfg. Co., Automatic Controls Div.
Electromode*—Electromode
Electronic Witch—Fisher Research Laboratory, Inc.
Electroverter—Hastings-Raydist, Inc.
Electrunite—Republic Steel Corp.
Elgin—S & S Machinery Co.
Embassy—York Div., Packaged Product Div.
Enamelkote—Mark & Co., Clayton
Enduro—Republic Steel Corp.
Entrodyne—General Equipment Mfg. & Sales, Inc.
EPC*—Elkhart Products Corp.
Equatemp*—Ohio Brass Co.
Equipaire—Parkomat Sales Co., Inc.
ERA*—Engineering Research Associates
Erecta Shelf—Metropolitan Wire Goods Corp.
Ermeto—Weatherhead Co., The
ES—Eastern Stainless Steel Corp.
Escort—Stevens Appliance Truck Co.
Eskay—Standard-Keil Hardware Mfg. Co., Inc.
Eskimo—La Crosse Cooler Co.
E-T—Thompson Machine & Supply Co., Emery
ETL*—Electrical Testing Laboratories, Inc.
Evacuator—Airserco Mfg. Co.
Evapotrol*—Alco Valve Co.
Evenflo—Hadley Products Co., Inc.
Evenglo*—Koppers Co., Inc.
Eventemp*—Leslie Co.
Everclor*—Everpure, Inc.
Ever-Dry—Blons & Co., M. J.
Evolene*—Berna Corp.
Exactol—Parker Fittings & Hose Div.
Expand-R-Strap—Gerrard & Co., A. J.
Expandure*—Flanders Filters, Inc.
Ex-Trol*—American Tube & Controls, Inc.
EZC—Zero Cold, Inc.
EZ-FLO—Grand Island Furnace & Supply Co.
E Z Kleen*—Research Products Corp.
Ez-N-Stall—Warren Co., Inc., The
E-Z-On—Gerett Corp., M. A.
E-Z Open—Jamison Cold Storage Door Co.
E-Z Ply—Baldwin-Ehret-Hill, Inc.
E-Z Wash—Continental Air Filters, Inc.
E-Z Wire Ties—Richco Plastic Co.

**Indicates Registered Trade Name*

F

4-D—Byers Co., A. M.
Fabri-Flex*—Vibration Mountings & Controls, Inc.
Fabrikated—Independent Register Co., The
FA-Con—Air-Cen Filter Corp.
Fairway—Auto-Flo Corp.
Falco—Fairmont Aluminum Co.
Fandaire—Yuba-Aimco Div.
Fan-Glo—Markel Electric Products, Inc.
Farco—Farrelloy Co.
Fashion—White-Rodgers Co.
Fastak—Cain Mfg., Inc.
Fastin—Farrelloy Co.
Fedair—Fedders Corp.
Ferrenewo—Lunkenheimer Co., The
Ferrovac*—Crucible Steel Co.
Ferulok—Parker Fittings & Hose Div.
Ferulube—Parker Fittings & Hose Div.
Fiber-aire—Swartwout Fabricators, Inc.
Fibercast—Youngstown Sheet & Tube Co.
Fiberglas—Owens-Corning Fiberglas Corp.
Fibrocel—Johns-Manville
Fill-Trol—American Tube & Controls, Inc.
Filmeen—Dearborn Chemical Co.
Filtaire—Morrison Products, Inc.
Filter Chek*—Kenmore Machine Products, Inc.
FilterKore*—Kenmore Machine Products, Inc.
Filtrex—Drico Industrial Corp.
Fin-Comb—Watsco, Inc.
Fine-Fyber Felt*—Baldwin-Ehret-Hill, Inc.
Fine/Line—Slant/Fin Radiator Corp.
Finger Strap—Gerrard & Co., A. J.
Fireball*—Cole Vending Industries, Inc.
Fire-Chex—Carey Mfg. Co., The Philip
Firma—Hirschman-Pohle Co., Inc.
Fish File—Traulsen & Co., Inc.
Fishmouth—Forge & Fittings Div.
Fitzall—Superior Valve & Fittings Co.
Fixt-Aire—Hart & Cooley Mfg. Co.
Flagmaster—Aeroquip Corp.
Flair-Pac—Flair Mfg. Corp.
Flairweather—Flair Mfg. Corp.
Flake King—La Crosse Cooler Co.
Flakice—Flakice Corp.
Flako—Anderson Chemical Co., Inc.
Flamepulse*—General Controls Co.
Flare-Twin—Weatherhead Co., The
Flex—Imperial-Eastman Corp.
Flex—Techniflex Div.
Flexacon—Hatfield Wire & Cable Div.
Flex-Aire—Bohn Aluminum & Brass Corp., Danville Div.
FlexAire—Fedders Corp.
Flexamatic—Flair Mfg. Corp.
Flexazone—Drayer-Hanson Div.
Flex-Bolt—Lord Mfg. Co.
Flexhermetic—Fedders Corp.
Flex-Hose—Korfund Co., Inc., The
Flexicold—Sherer-Gillett Co.
Flexidor*—Jamison Cold Storage Door Co.
Flexi-Duct*—Wilson, Inc., Grant
Flexidyne*—Dodge Mfg. Co.
Flexiflo—Universal Diffuser Corp.
Flexitorq—Allis Co., The Louis
Flex-King—Imperial-Eastman Corp.
Flexlite—Hudson Industries, Inc.
Flexmaster—Aeroquip Corp.
Flex-O-Matic—York Div., Packaged Product Div.
Flexon—Flexonics Div.
Flexoplate—Kold Hold Div.
Flexpipe*—Anaconda Metal Hose Co.
Flex-Plates*—Vibration Mountings & Controls, Inc.
Flexstron—Mystik Adhesive Products, Inc.
Flex-Sulation—Wilson, Inc., Grant
Flextemp—General Equipment Mfg. & Sales, Inc.
Flite-Chek Jobmaster—Ramset Fastening Systems, Winchester-Western Div.
Floating Air—Friedrich Refrigerators Inc.
Float-o-matic—March Mfg. Co., Inc.
Flocold—Drayer-Hanson
Flo-Eye—Schutte & Koerting Co.
Flo-Klean—Cuno Engineering Corp.
Flooded Disc Scrubbers—Research-Cottrell, Inc.
Floramaster—Master-Bilt Refrigeration Mfg. Co.
Floret*—Bacharach Industrial Instrument Co.
Florite*—Bacharach Industrial Instrument Co.
Flow-Cold*—Acme Industries, Inc.
Flow-Master—Sporlan Valve Co.
Flow-Mizer*—Acme Industries, Inc.
Flow-Pac*—Acme Industries, Inc.
Flowrator—Fischer & Porter Co.
Flowrite—Powers Regulator Co., The
Flow-Temp*—Acme Industries, Inc.
Flow-Therm*—Acme Industries. Inc.
FluidPak*—Dialatemp, Inc.
Fluidyne—Peerless Pump Hydrodynamics Div.
Fluorglas*—Dodge Fibers Corp.
Fluoroflex-T—Resistoflex Corp.
Flushduct—National Electric Div.
Flushlite—Drake Mfg. Co.
Flu-Temp Gage—Cleveland Controls, Inc.
Fluxine—Krembs & Co.
Foamglas*—Pittsburgh Corning Corp.
Foamthane—Pittsburgh Corning Corp.
Focal Point—Leitner Equipment Co.
Fogjet—Spraying Systems Co.
Fold-A-Dor—Leitner Equipment Co.
Food File—Koch Refrigerators, Inc.
Force*—American Solder & Flux Co.
Form-A-Gasket*—Permatex Co., Inc.
Formflex—Bridgeport Thermostat Div.
Formset—Bridgeport Thermostat Div.
Formweld—Bridgeport Thermostat Div.
Fostermatic—Foster Refrigerator Corp.
Four Seasons—Fedders Corp.
Frankell Hermetic Compressor Opener—Airserco Mfg. Co.
Free & Easy—Ritter Metal Corp.
Free-Flow—Wickford Products, Inc.
Free-Vane*—Bristol Co., The
Freezettes*—Republic Molding Corp.
Freez-O-Master—Weber Showcase & Fixture Co., Inc.
Freez/Safe*—Glo-Brite Foam Plastics, Inc.
Fre-Flo—Sequoia Mfg. Co.
French Finish—Eastern Stainless Steel Corp.
Fresh'nd-Aire—Cory Corp.
Freze-Cel—Dole Refrigerating Co.
Frigette—Frigiquip Corp.
Frigibus—Frigikar Corp.
Frigidbaker—Federal Refrigerator Mfg. Co.
Frigid-Blast—Vilter Mfg. Corp.
Frigid-Coat—Wilbur & Williams Co., Inc.
Frigidflex—Hatfield Wire & Cable Div.
Frigidor—Coolstream Corp.
FrigiDrink—Freez King Corp.
Frigikab—Frigikar Corp.
Frigiking—Frigikar Corp.
Frostemp—Lindustries, Inc.
Frost-Off*—Merix Chemical Co.
Frostop*—Jamison Cold Storage Door Co.

Frost-O-Trol—Larkin Coils, Inc.
Fruit-Spa*—Cole Vending Industries, Inc.
Fuelsaver—Walker Mfg. & Sales Corp.
Fulflo*—Commercial Filters Corp.
Ful Flo—Maurlee Co., Inc.
Ful-Grip—Maurey Mfg. Corp.
Fulljet—Spraying Systems Co.
Full-View—Weber Showcase & Fixture Co., Inc.
Full-Vue—Warren Co., Inc., The
Fulton—Higgins Metal Products Co.
Fusetron—Bussmann Mfg. Div.
Fusionbrazed—Avon Tube Div.
Fusionweld—Avon Tube Div.
Fustat—Bussmann Mfg. Div.
Fyrex*—Wilson, Inc., Grant
Fyrite*—Bacharach Industrial Instrument Co.

G

G-2—American-Standard, Plumbing & Heating Div.
G-40—American-Standard, Plumbing & Heating Div.
G-60—American-Standard, Plumbing & Heating Div.
G-B Duct*—Gustin-Bacon Mfg. Co.
G-B Snap-On*—Gustin-Bacon Mfg. Co.
GF—Canadian General Filters Ltd.
GI—General Industries Co., The
G.I.—New York Blower Co., The
Galvakote—Mark & Co., Clayton
Galvinoleum—Rust-Oleum Corp.
Galvover*—All-State Welding Alloys Co., Inc.
Gasaver*—Williamson Co., The
Gask-O-Seal—Parker Seal Co.
Gaslite—Arkla Air Conditioning Co.
Gay Bar—Gavigan & Co., Inc., James J.
Gay Snac Bar—Gavigan & Co., Inc., James J.
GC-39—Atoz Sales Co.
G-Con—Air-Con Filter Corp.
Gearmotor—Philadelphia Gear Corp.
Gear-O-Matic—Franklin Electric Co., Inc.
Gebhardts*—Advanced Engineering Corp.
Gemco—General Equipment Mfg. & Sales, Inc.
Gemco—Moore, Inc., Goodloe E.
Gemcraft—G. M. Mfg. Co.
Gemware—G. M. Mfg. Co.
Gen-A-Lite—General Foam Plastics Corp.
General—Selmix Dispensers, Inc.
General Duroglas—Holly-General Co.
General Medallion—Holly-General Co.
Genetron*—General Chemical Div.
Geocoustic*—Pittsburgh Corning Corp.
Gibson—Hupp International Div.
Gillett & Eaton—Gould-National Batteries, Inc., Engine Parts Div.
Gilsonite—Ziegler & Co., G. S.
Globe Master—Mueller Brass Co.
Golden Bantam*—Henry Valve Co.
Golden Jet—Yardley Plastics Co.
Golden Warrior—Dowagiac Steel Furnace Co.
Gold Seal—Watsco, Inc.
Good-Fellow—E. D. Goodfellow Co., Inc.
Good Pumps—Goodfellow Co., Inc., E. D.
Gordonair—Roberts-Gordon Appliance Corp.
Granodine—Amchem Products, Inc.
Graph-A-Plan—Labelon Tape Co.
Greastop—Air Maze Div.
Green Crescent—Green Colonial, Inc.
Green Spot—Bernz Co., Inc., Otto
Grid—Murray Mfg. Co., D. J.
Grip-Cor—Cornelius Co.
Gryphon—Brook Motor Corp.
Guardian—Airkem, Inc.
Guardian—Garlock, Inc.
Guardsman—Mueller Brass Co.
Gum-Bestos*—Wilson, Inc., Grant
Gun Heat—Barber Mfg. Co., The
Gusher*—Ruthman Machinery Co.
Gyrol—American-Standard Industrial Div.

H

H & M—Halstead & Mitchell Co.
Hackney—Pressed Steel Tank Co.
Hairflex—Armour Alliance Industries
Halco—Hall-Neal Furnace Co.
Hammerkore Bits—Tilden Tool Mfg. Co., Inc.
Hammertrol—American Tube & Controls, Inc.
Hancock—Manning, Maxwell & Moore, Inc.
Handi-Can*—Pennsalt Chemicals Corp.
Handlebar—Mark & Co., Clayton
Hand Vibrograph—Korfund Co., Inc., The
Handy—Holsclaw Bros., Inc.
Handy—Lunkenheimer Co., The
Handy Dan's*—Council Mfg. Corp.
Handy Flux—Handy & Harman
Handy Tube Expando—Knuth Engineering Co.
Hansen—Hedeman Products, Inc.
Hansoflow—Hansson, Inc., Elof
Hargrave—Cincinnati Tool Co., The
Hasko-Struct*—Haskelite Mfg. Div.
Hatcorone—Hatfield Wire & Cable Div.
Hatemp—Hatfield Wire & Cable Div.
Hatex—Hatfield Wire & Cable Div.
Hatflex—Hatfield Wire & Cable Div.
Hatrol—Hatfield Wire & Cable Div.
Hatseal—Hatfield Wire & Cable Div.
Hatvinol—Hatfield Wire & Cable Div.
H. Barrier—Colonial Alloys Co.
HCD-Series—Drayer-Hanson
Health-Air—Mamco Corp.
Heat-Cel—Dole Refrigerating Co.
Heatflo—Thompson Mfg. Co., A. F.
Heat King—Thermo King Corp.
Heatrim—American-Standard, Plumbing & Heating Div.
Heatrite—Auer Register Co., The
HeaTube*—Albion Div.
Heatwave*—Southwest Mfg. Co.
Heat-X-It*—Octagon Ventilator Mfg. Co.
Heetaires—Markel Electric Products, Inc.
Heet-X—Hatfield Wire & Cable Div.
Helco—Hoover Electric Co.
Helmco-Lacy—Flake Ice Machines, Inc.
Hep—Watsco, Inc.
Hercules*—Kenmore Machine Products, Inc.
Herculoy*—Revere Copper & Brass, Inc.
Herman Nelson—American Air Filter Co., Inc.
Hermetic Eye—Superior Valve & Fittings Co.
Hetrofoam*—Durez Plastics Div.
Hetrolac*—Durez Plastics Div.
Hetron*—Durez Plastics Div.
Hev-E-Duty Gas—Industrial Combustion, Inc.
Hev-E-Oil—Industrial Combustion, Inc.
HI—Holub Industries, Inc.
Hi-Boy—Dowagiac Steel Furnace Co.
Hi-Cap—Bussmann Mfg. Div.
Hi-Damp—Barry Controls
Hide-Away—Recold Corp.
HI-Dri*—Wabash Corp.
Hi-Duty—Imperial-Eastman Corp.
Hi-Ef—Anderson Co., The V. D.

**Indicates Registered Trade Name*

hi-flo—General Controls Co.
Hi-Flo—Leslie Co.
HI-FLO—The Perlick Co., Inc.
Highlander—Industrial Combustion, Inc.
Hilger—Chip Ice Corp.
Hi-Lo—Imerpial-Eastman Corp.
Hi-Lo—Union Steel Products Co.
Hinge Lock—Simmons Fastener Corp.
Hi-Q—Maurey Mfg. Corp.
Hi-Seal—Imperial-Eastman Corp.
Hi-Temp—Carey Mfg. Co., The Philip
Hi-Temp*—General Controls Co.
Hi-Thred—Parker-Kalon
Hi-Volt—Industrial Devices, Inc.
HK—Hansen Mfg. Co., The
H-O-H—Haering & Co., Inc., D. W.
Hoist-It—Hastings Air Conditioning Co., Inc.
Hoist-It—Hastings Air Control, Inc.
Holeshooters*—Milwaukee Electric Tool Corp.
Holgun*—Black & Decker Mfg. Co., The
Hollywood Coolers—Moore & Hanks Co.
Honan-Crane*—Commercial Filters Corp.
Honed—Hannifin Co.
Honeycomb—Commercial Filters Corp.
Honeycomb*—Technical Filter Co.
Honor-Bilt—Holderle Bros., Inc.
Hook Lock—Simmons Fastener Corp.
Hotkot—Mark & Co., Clayton
Hot-Shot—Drayer-Hanson
Hot-Spa*—Cole Vending Industries, Inc.
Houghto-Clean—Houghton & Co., E. F.
Houghto-Safe—Houghton & Co., E. F.
Hoze-lok—Parker Fittings & Hose Div.
Hubbell-ize—Hubbell Corp.
Hubbel-lock—Hubbell, Inc., Harvey
Huckbolt*—Huck Mfg. Co.
Humid-Air—Recold Corp.
Humidisprav—Lennox Industries, Inc.
Humiduct—Bahnson Co., The
Humistat—American Instrument Co., Inc.
Humistat—Hygrodynamics, Inc.
Humi-Temp—Larkin Coils, Inc.
Humphrey—Arkla Air Conditioning Co.
Hush-A-Booth—Korfund Co., Inc., The
Hush-A-Duct—Korfund Co., Inc., The
Hush-A-Matic—Hays Mfg. Co., Automatic Controls Div.
Hustler—Tenney Engineering, Inc.
Hydrakote—Hatfield Wire & Cable Div.
Hydraline—York Div., Engineered Machinery Div.
Hydramic—Whitney Mfg. Co., W. A.
Hydramotor*—General Controls Co.
Hydranoid*—General Controls Co.
Hydratemp—Hatfield Wire & Cable Div.
Hydraulic-Action—White-Rodgers Co.
Hydro—Mark & Co., Clayton
Hydro-Flo—Bell & Gossett Co.
Hydrotector—American Instrument Co., Inc.
Hydrotector—Hygrodynamics, Inc.
Hydrotemp—Mitchell Co., Inc., J. E., Mark IV Div.
Hydro-Tite—Slant/Fin Radiator Corp.
Hyduty—Davidson Fan Co.
Hygrocel—Hygrodynamics, Inc.
Hygro-Champ—American Instrument Co., Inc.
Hygro-Champ—Hygrodynamics, Inc.
Hygrol—Niagara Blower Co.
Hypot*—Associated Research, Inc.
Hy-Power—Hannifin Co.
Hy-Test—Smith Co., Inc., The H. B.
Hytin—Farrelloy Co.
Hy-Tuf*—Crucible Steel Co. of America
HY-V—DeBothezat Fans Div.
Hyvol—Aerovox Corp.

I

Iceberg*—Cole Vending Industries, Inc.
Ice Builders—King Zeero Co., The
Ice-Cel—Dole Refrigerating Co.
Ice-Co—Selmix Dispensers, Inc.
Ice Mart—North American Vending Mfg. Corp.
Icestor*—Manitowoc Equipment Works
Ideal—Mason Worcester Brush Co.
Identi-Line*—Jarrow Products, Inc.
IFCO—Irolite Finishing Co.
Ilgair—Ilg Electric Ventilating Co.
Ilgdualaire—Ilg Electric Ventilating Co.
Ilgette—Ilg Electric Ventilating Co.
Ilgvent—Ilg Electric Ventilating Co.
Ilgwind—Ilg Electric Ventilating Co.
Illinois—American Air Filter Co., Inc.
Immersatherm—Mercoid Corp., The
Im-Pak—Utility Fan Corp.
Imperial*—General Electric Co.
Imperial—Payne Co., The
Imperial—Ric-Wil, Inc.
Imperialine—Tuttle & Bailey
Impervious Graphite—National Carbon Co
Indeeco—Industrial Engineering & Equipment Co.
Independent—Lunkenheimer Co., The
Indestructo—National Electric Div.
Industrial Air—Bertram Co., The Harvey P.
Infra-Red—Insto-Gas Corp.
Ingalls—Mason Worcester Brush Co.
Inner-Fin*—Dunham-Bush, Inc.
Inner Fin—Heat-X, Inc.
Inner-Seal—Bridgeport Fabrics, Inc.
Inreco—Industrial Refrigeration Co., Inc.
Installation—Fedders Corp.
Instant*—Liquid Freeze Corp.
Insto-Hot—Insto Gas Corp.
Inst-o-Verse*—Franklin Electric Co., Inc.
Insulmat—Mortell Co., J. W.
Insulprene—Hubbell, Inc., Harvey
Interlock—Hubbell, Inc., Harvey
Intermatic—International Register Co.
Intru-lok—Parker Fittings & Hose Div.
In Wall—I. W. Air Conditioning Corp.
Ionitron—Philco Corp.
Ionrav—Sampson Scientific Co.
IPL—New York Blower Co., The
Isobalsa*—Balsa Ecuador Lumber Corp.
Isofoam—Isocyanate Products, Inc.
Iso-Kote—MB Electronics
Isomode*—MB Electronics
Isotron*—Pennsalt Chemicals Corp.
Ivory-X*—Pass & Seymour, Inc.

J

J-E—Jackes-Evans Mfg. Co.
J-M—Johns-Manville
Jabsco-matic—Jabsco Pump Co.
Jackrabbit—Hubbell, Inc., Harvey
Jackson & Church—York-Shipley, Inc.
Jamolite*—Jamison Cold Storage Door Co.
Jeffrey #40—Blons & Co., M. J.
Jeffrey #100—Blons & Co., M. J.
JET CO_2LD SHOT—Liquid Carbonic Div.
Jet-8—Banner Burner Co.
Jet Flux*—All-State Welding Alloys Co., Inc.
Jet-Setter—Parker Kalon
Jet-Stream—Kent Co., Inc., The
Jiffy*—Minerallac Electric Co.
Jiffy "60" Slider—Ritter Metal Corp.

Jobmaster—Ramset Fastening System, Winchester-Western Div.
John Crane—Crane Packing Co.
Johnsonite—Johnson Plastic Corp.
Jumboduct—National Electric Div.
Junior—Weil-McLain Co., Inc.
JusRite—Corbman Bros. Inc.

K

K-27 Kompact—General Controls Co.
K-30-Y—Harvell-Kilgore Sales Corp.
K-60-O—Harvell-Kilgore Sales Corp.
Kab Air—Lindustries, Inc.
Kab-Air Jr.—Lindustries, Inc.
Kamlok—OPW-Jordan
Karak—Ohio Carbon Co.
Karbate*—National Carbon Co.
Karl-Kool*—Dairy Equipment Co.
Kathabar*—Surface Combustion
Kay-Tee—Kramer Trenton Co.
Keil—Standard-Keil Hardware Mfg. Co.,, Inc.
Keilson—Standard-Keil Hardware Mfg. Co., Inc.
Kelvinator—Ebco Mfg. Co.
Kennard/Nelson—American Air Filter Co., Inc.
Keps*—Shakeproof Div.
Kewanee—American-Standard Industrial Div.
Keystone—Erie City Iron Works
Keystone LoLine—Pritchard & Co. of California, J. F.
King-Air Kurtain—King Co., The
King-Clip—Lunkenheimer Co., The
King Kold—King Co., The
King Sharp Freeze—King Co., The
Kingston Conley—Howell Electric Motors Co.
Kitchen-Aire—Stewart Industries, Inc.
Kleenflo—Air-Maze Div.
Kleen Koil—Chemicator Div.
Kleen-Tex—Anderson Chemical Co., Inc.
Kleerflo—Anderson Chemical Co., Inc.
Klimatic King—King Co., The
Klixon*—Metals & Controls, Inc.
Klozure—Garlock, Inc.
KMP*—Kenmore Machine Products, Inc.
Kno-Draft—Connor Engineering Corp.
Knowles—Belt-Ice Corp.
Kohleco—Kohlenberger Engineering Corp.
Koldboard*—Baldwin-Ehret-Hill, Inc.
Kold Draft—Uniflow Mfg. Co.
Kold-Master—Weber Showcase & Fixture Co., Inc.
Kold-Trux—Transicold Corp.
Koldwave—Heat Exchangers, Inc.
Kol Power—D & D Truck Refrigeration
Konkrete Kore Drills—Tilden Tool Mfg. Co., Inc.
Kool-A-Bout—Whitehall Engineering Co.
Kool-Flo—Hudson Industries, Inc.
Kool'Kloset—La Crosse Cooler Co.
Kool Mount—DuMont Emerson Corp.
Koolpak—Sprague Electric Co.
Koolshade—Reflectal Corp.
Koolsol—Chemicator Div.
Kop-R-Arc—Krembs & Co.
Koroseal—Goodrich Industrial Products Co., B. F.
Koroseal—Hedeman Products, Inc.
KPC—Karmazin Products Corp.
Krack*—Refrigeration Appliances, Inc.
Krakice—Kohlenberger Engineering Corp.
Krene—Union Carbide Plastics Co.
Kromover*—All-State Welding Alloys Co., Inc.
Kube King—La Crosse Cooler Co.
Kurlok—Unistrut Products Co.
Kwik-Bond—Columbia Cement Co., Inc.
Kwik Fit—Maurlee Co., Inc.
Kwik Kafe*—Rudd-Melikian, Inc.
KWIK-SENSOR—White-Rodgers Co.
Kwik-Tite—Imperial-Eastman Corp.
Kwik-Way—Hart & Cooley Mfg. Co.

L

L & H—Thermador Electrical Mfg. Co.
Lacquer-Stik—Lake Chemical Co.
Lagz—West Chester Chemical Co.
Laminar-Flo—United Sheet Metal Co., Inc.
Landmark—Lennox Industries, Inc.
Lansing—S & S Machinery Co.
Lap Seal—Hannifin Co.
Lattice Braid—Garlock, Inc.
Lauson*—Tecumseh Products Co.
Laykold—American Bitumuls & Asphalt Co.
Laykold Insulation Adhesive—American Bitumuls & Asphalt Co.
Laykold Weathercoat—American Bitumuls & Asphalt Co.
Leak Lock*—Highside Chemicals Inc.
Lectric-Aire—Radex Corp.
Lectricarm (actuator)—Cleveland Controls, Inc.
Lectro-Cel—Dole Refrigerating Co.
Lectrofilter*—Albion Div.
Lectro-Host—Thermador Electrical Mfg. Co.
Lectro-Level—Alco Valve Co.
Lectrosonic—Babcock & Wilcox Co., Tubular Products Div.
Lektroneal—Reading Tube Co.
Lektroseal—Reading Tube Co.
Leland—Howell Electric Motors Co.
Leonard—Kelvinator Div.
Level Eye—Phillips & Co., H. A.
Level-Master——Sporlan Valve Co.
Levelmatic*—Leslie Co.
Level-Trol—Fisher Governor Co.
Lev-o-let—Leviton Mfg. Co., Inc.
Lev-o-lite—Leviton Mfg. Co., Inc.
Lev-O-Lock—Leviton Mfg. Co., Inc.
Lifelong—Evans Corp., The George
Lifelong—Raypak Co., Inc.
Lifetime—Leslie Co.
Lifetime—Smith Filter Corp.
Limitem—Powers Regulator Co.
Limitizer—Bohn Aluminum & Brass Corp., Danville Div.
Limitorque—Philadelphia Gear Corp.
Limitron—Bussmann Mfg. Div.
Linameter—Penn Meter Co.
Lincoln—Forstan Co., The
Line-Air—Universal Diffuser Corp.
Line-Flo—Ansul Chemical Co.
Linemaster—Mueller Brass Co.
Line Port—Watsco, Inc.
Line Tap—Watsco, Inc.
Line-Volt—Industrial Devices, Inc.
Link Lock—Simmons Fastener Corp.
Linovector*—Vulcan Radiator Co.
Linoventilators*—Vulcan Radiator Co.
Lint-A-Maze—Air-Maze Div.
Lipseal*—Hannifin Co.
Liquid Eyes—Allin Mfg. Co.
Liquidweld*—Liquid Carbonic Div.
Liquiflow*—Liquid Carbonic Div.
Liqui-Vac—Airserco Mfg. Co.
Lithoform—Amchem Products, Inc.

**Indicates Registered Trade Name*

"little gem"—Aeroquip Corp.
Little Giant—Gelber & Sons, Inc.
Little Giant*—Kenmore Machine Products, Inc.
Live Joint—Aeroquip Corp.
"Living-Air"*—Mayflower Air-Conditioners, Inc.
LMC—Lewin-Mathes Co.
Load Lifter—Manning, Maxwell & Moore, Inc.
Lo-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Lock-Joint—Inland Steel Products Co.
Lock-O-Seal—Parker Seal Co.
Lo-Draft Switch—Cleveland Controls, Inc.
Lo-Ex—Aluminum Co. of America
Lokuts*—Shakeproof Div.
Lo-Loss—Penn Meter Co.
Long Life—Goodall Rubber Co.
Longrip—Ridge Tool Co., The
LoShaft*—Franklin Electric Co., Inc.
Lotemp—Imeco, Inc.
Lo-Temp—Jamison Cold Storage Door Co.
Lo-tone*—Wood Conversion Co.
Louvent*—Octagon Ventilator Mfg. Co.
Louverail—Cain Mfg., Inc.
Lo-Volt—Industrial Devices, Inc.
Lowboy*—Warren Co., Inc., The
Low-Peak—Bussmann Mfg. Div.
Lo-X-It*—Octagon Ventilator Mfg. Co.
LQ600—Lunkenheimer Co., The
L.T. Cork Covering—Armstrong Cork Co.
Lube-Free—Sterling Electric Motors, Inc.
Lucas—Southgate Tool & Die Co.
Luncor PVC—Lunkenheimer Co., The
Lurium*—Fromson Orban Co., Inc.
Luton—Pacific Electricord Co.
Luxaire*—Olsen Mfg. Co., C. A.
LuXray—General Controls Co.
Lynn Lightning—Vaco Products Co.

M

M & E—Merchant & Evans Co.
M-H—Moore & Hanks Co.
M & M—McDonnell & Miller, Inc.
Magic Aire—United Electric Co.
Magic Eye—Imperial-Eastman Corp.
Magic Touch—Inland Mfg. Div.
Magna Kold—Sprague Engineering Corp.
Magnehelic*—Dwyer Mfg. Co., F. W.
Magni-Chek—Watsco, Inc.
MAINline—White-Rodgers Co.
Maintz—West Chester Chemical Co.
Majic Jet—Carbonic Dispenser, Inc.
Major—Lunkenheimer Co., The
Make-Up 'AIR—New York Blower Co., The
Malco-matic—Malco Products
Maltese Cross*—Hewitt Robins Inc., Hewitt Rubber Div.
Man-Au-Cycle—S & S Machinery Co.
Manhattan—Raybestos-Manhattan, Inc.
Mansfield—Gorman-Rupp Industries, Inc.
Marfaid—Hays Mfg. Co., Automatic Controls Div.
Marinepak—York Div., Engineered Machinery Div.
Mark-Time—Rhodes, Inc., M. H.
Marvair—Muncie Gear Works, Inc.
Marvelaire*—Essick Mfg. Co.
Master*—Essick Mfg. Co.
Masterfreeze—Armstrong Contracting & Supply Corp.
Mastergauge—Marsh Instrument Co.
Master Merchandisers—Warren Co., Inc., The
Mastermetic—Warren Co., Inc., The
Master-mite—Marsh Instrument Co.
Master Monitor—Cleveland Controls, Inc.
Master-Test—Marsh Instrument Co.
Master-Therm—Marsh Instrument Co.
Mathes—Republic Air Conditioning Co.
Maxel*—Crucible Steel Co. of America
Maxeloy*—Crucible Steel Co. of America
Maxitherm—Chicago Steel Furnace Co.
Mechanipak—Garlock, Inc.
Melco—Melchior, Armstrong, Dessau, Inc.
MELCOR—Materials Electronic Products Corp.
Mempo—Deady Chemical Co.
Mercontrol—Mercoid Corp., The
Merlin—Brook Motor Corp.
Mesurflo—Hays Mfg. Co., Automatic Controls Div.
Metalbestos—Wallace Co., William
Metal-Cal—C & H Supply Co.
Metalene—Lester Laboratories, Inc.
Metal-Fab—Duro-Dyne Corp.
Metal Master—Wiss & Sons Co., J.
Metavane*—Bristol Co., The
Metl-Cor*—Moore & Co., Samuel, Dekoron Products Div.
METLMASTR—Lennox Tool & Machine Builders
Met-L-Strut—Unistrut Products Co.
Metlvent—Hart & Cooley Mfg. Co.
Metro—Metropolitan Wire Goods Corp.
Metro Descaler—Metropolitan Refining Co., Inc.
Metro EZ Treat*—Metropolitan Refining Co., Inc.
Miami-General—Crane Co., Plumbing, Heating, Air Conditioning Group, Air Conditioning & Refrigeration Div.
Mical—Topflight Corp.
MicEPac—Electric Products Co.
Michiana*—Commercial Filters Corp.
Micrelay*—Ebert Electronics Corp.
Micretain*—Cambridge Filter Corp.
Micro-Dri*—Wabash Corp.
MICRODYNE*—Joy Mfg. Co.
Microfoam*—Microtron Corp.
Micro-Klean—Cuno Engineering Corp.
Microlite—Johns-Manville
Micro-Lok—Johns-Manville
Micromat*—Microtron Corp.
Micromat Universal*—Microtron Corp.
Micromatic*—Microtron Corp.
Micromet*—Calgon Co.
Micromotor—Redmond Co., Inc.
Micro-Screen—Cuno Engineering Corp.
Microstat*—Kent Co., Inc.
Microtex—Johns-Manville
Microtraps—Grace & Co., W. R., Davison Chemical Div.
Microvac—Stokes Corp., F. J.
Micro Valve*—Barworth, Inc.
Micro-Wynd—Cuno Engineering Corp.
Midgitrol—General Controls Co.
Midg-O-Matic—Hays Mfg. Co., Automatic Controls Div.
Mighty Midget—Dowagiac Steel Furnace Co.
Mighty Mite—Mechanical Industries Production Co.
Mikro—Pulverizing Machinery Co.
Milcor*—Inland Steel Products Co.
MilKeeper—Creamery Package Mfg. Co., The
Mills—Smith Co., Inc., The H. B.
Milvaco—Milwaukee Valve Co., Inc.
Mineon—Drake Mfg. Co.
Mini-Pilot—Grayson Controls Div.
Mini-Puppy—Jabsco Pump Co.

Mini-Q-Lock—Simmons Fastener Corp.
Minirelay*—Ebert Electronics Corp.
Mini-Volt—Industrial Devices, Inc.
MIRACLE COOLER—Commercial Fixture Co.
Miracool—Payne Co., The
Mirro-Brite*—Coating Products, Inc.
Miss-T-Aire—Stocker & Son, H. G.
Mistimaze—Air-Maze Div.
Mistkop—Aget Mfg. Co.
Mitchell—Cory Corp.
Mitee*—Sunshine Chemical Co., Inc., John
Mi-T-Flo—McDonald Mfg. Co., A. Y.
Mix Monitor—Carbonic Dispenser, Inc.
MixSupplier—Sweden Freezer Mfg. Co.
Mobile Food File—Koch Refrigerators, Inc.
Mobil-Temp—Conrad, Inc.
Model CB—Cleaver-Brooks Co.
Modu-Flash—Petersmith Controls, Inc.
Modulaire—Standard Stamping & Perforating Co.
Mod-U-Lok—Rockwell-Standard Corp., Stamping Div.
Moist-Aire—Royal Humidifier Co.
Moisture Magnet*—Kenmore Machine Products, Inc.
Moisturizer—Nolin Mfg. Co., Inc.
Monarch*—Hewitt Robins, Inc. Hewitt Rubber Div.
Moncrief*—Henry Furnace Co.
Monitor—Cleaver-Brooks Co.
Monitor—Multiplex Co.
Mono-Block*—Baldwin-Ehret-Hill, Inc.
Mono Kover*—Baldwin-Ehret-Hill, Inc.
MonoMotor—Redmond Co., Inc.
Monoxor*—Bacharach Industrial Instrument Co.
Mor Go—Moorhead-Crego, Inc.
Mor-Grip—Maurey Mfg. Corp.
Mor-Sun—Morrison Steel Products, Inc.
Mortex—Mortell Co., J. W.
Mortite—Mortell Co., J. W.
Moto Reducer—Philadelphia Gear Corp.
Motortron—Bussmann Mfg. Div.
Mouat—Squires Co., The C. E.
Moyno*—Robbins & Myers, Inc.
M-Pel-Air—Brookside Corp.
Mr. Hercules—Mechanical Refrigeration Enterprises
M-Scope—Fisher Research Laboratory, Inc.
Muess-Co—Mueller Steam Specialty Co., Inc.
Muffin*—Rotron Mfg. Co.
Mullion-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Multi-Bag Filter—Dracco Div.
Multi-Case—Warren Co., Inc., The
Multi-Cold—Multiplex Mfg. Co., Inc.
Multifin—American-Standard, Plumbing & Heating Div.
Multiflo—Multiplex Co.
MULtiLAYER*—Metals & Controls, Inc.
Multi/Pak—Slant/Fin Radiator Corp.
Multipoised—General Controls Co.
Multipress—American Brake Shoe Co.
Multi-Vent—Pyle-National Co., The
MX—Tenney Engineering, Inc.

N

Narrowall—Holly-General Co.
National Champion—National Heater Co., Inc.
National-U.S.—Crane Co., Plumbing, Heating, Air Conditioning Group, Air Conditioning & Refrigeration Div.
Neasbestos—National Electric Div.
Nelco—Nelson Mfg. Co., C.
Neo-Bestos*—Wilson, Inc., Grant
Neo-Shear*—Vibration Mountings & Controls, Inc.
Nepcoduct—National Electric Div.
Nepcolok—National Electric Div.
Nepcosil—National Electric Div.
Newport*—Webster & Co., Inc., Warren
Ni-ag-ra*—Esco Cabinet Co.
Niagara—Selmix Dispensers, Inc.
Niagrite—Johns-Manville
Nibscrews*—Shakeproof Div.
Nicloy—Babcock & Wilcox Co.
N-M-D—Lunkenheimer Co., The
Nocor 800*—Atoz Sales Co.
NoDrip—Mortell Co., J. W.
No-Flex—Hart & Cooley Mfg. Co.
No-Frost—Niagara Blower Co.
No-Load—Armour Alliance Industries
Non-Con-Dux—Wilson, Inc., Grant
No-Ox-Id—Dearborn Chemical Co.
Nopcofoam*—NOPCO Chemical Co., Plastics Div.
Nordic—International Automotive Air Conditioning, Inc.
Nordic Dialair—International Automotive Air Conditioning, Inc.
Norseman—Quality Mfg. Co., Inc.
Northwind—Emerson Electric Mfg. Co.
Novelon—Ellicott-Brandt, Inc.
Nu-Blok—Unilectric, Inc.
Nu-Coil—Skasol Corp.
Nu-Wood*—Wood Conversion Co.
Nykelkrom—Tuttle & Co., H. W.
Nylo-seal—Imperial-Eastman Corp.
Nysofount—New York Soda Fountain Co., Inc.

O

Oak Tools—Burr Oak Tool & Gauge Co.
Oasis—Ebco Mfg. Co.
ODIS—Old Dominion Iron & Steel Corp.
Odozone—Easton R. S. Corp.
OEM—Glo-Brite Foam Plastics, Inc.
Ohio—Howell Electric Motors Co.
Ohio Semiconductors—Tecumseh Products Co.
Ohmstone—Johns-Manville
Oiline*—Sunshine Chemical Co., Inc., John
Oilmaster—Thatcher Furnace Co.
Oilsaver*—Williamson Co., The
Old Mill*—Rudd-Melikian, Inc.
Ol' Faithful—Maid-O'-Mist, Inc.
Olin—Metals Div., Olin Mathieson Chemical Corp.
Olympian—Myers & Bros. Co.
Olympian—The Perlick Co., Inc.
Omni-Glow—Industrial Devices, Inc.
100 Grit—Eastern Stainless Steel Corp.
Oppo-Matic*—Elgen Mfg. Corp.
Orbit/Line—Skil Corp.
Orgene—Atoz Sales Co.
O-Ring—Parker Seal Co.
Osotite—Anthony Co., W. S.
Out-O-Wall—Rock Island Register Co.
Owens-Corning*—Cleveland Fabricating Co.
Ox-Gem—Anderson Chemical Co., Inc.
Oxweld—Linde Co.
Oyltite-Stik—Lake Chemical Co.

**Indicates Registered Trade Name*

P

PA-100—Grace & Co., W. R., Davison Chemical Div.
PA-400—Grace & Co., W. R., Davison Chemical Div.
PBH—Huyette Co., Inc., Paul B.
P.G.'s—Slant/Fin Radiator Corp.
P-H—Puffer-Hubbard Refrigerator Co.
P-K—Parker-Kalon
PPG—Pittsburgh Plate Glass Co.
P & S*—Pass & Seymour, Inc.
Pacemaker—Perlick Co., Inc., The
Pacesetter—Payne Co., The
Packaged Boilers—Smith Twin Tubular Boiler Co., Inc.
Packaged Heat—Pebbco Industries, Inc., Penn Boiler Div.
Packless—Hannifin Co.
Paint-Tite—Inland Steel Co.
Pakice—Vilter Mfg. Corp.
Paladin—Interchemical Corp., Finishes Div.
Palcotan 905—Pacific Lumber Co., The
Palco Wool—Pacific Lumber Co., The
Palletainers—Union Steel Products Co.
Palm Beach—National Modulation Co.
Pan-A-trol—General Electric Co., General Purpose Control Dept.
Pandux*—Pacific Transducer Corp.
Panelair—Payne Co., The
Panelcoil*—Dean Products, Inc.
Panel Track*—Embassy Steel Products, Inc.
Paneltrol—Taco Heaters, Inc.
Pan File—Koch Refrigerators, Inc.
Papco—Penn Brass & Copper Co.
Paracoil—Davis Engineering Div.
Para-flex*—Dodge Mfg. Corp.
Paraflo—Dravo Corp., Engineering Works Div.
Paragon—Lunkenheimer Co., The
Paramount*—Essick Mfg. Co.
Parbak—Parker Seal Co.
Parbond—Parr Paint & Color Co., The
Parco-Link*—Pawling Rubber Corp.
Parflex—Parr Paint & Color Co., The
Parmastic—Parr Paint & Color Co., The
Parweld—Parr Paint & Color Co., The
Patchmaster—Aeroquip Corp.
Pathfinder—Red Jacket Mfg. Co.
Pathfinder—York Div., Packaged Product Div.
PECO—Pacific Electricord Co.
Pedrick—Gould-National Batteries, Inc., Engine Parts Div.
Penguin Refrigerated Furniture—Springer-Penguin, Inc.
Penlo—Lunkenheimer Co., The
Pennco—Pennsylvania Furnace & Iron Co.
Pentatemp*—Dialatemp, Inc.
Percojet*—Electric Heating & Cooling, Inc.
Perfecta—Taco Heaters, Inc.
Perfectaire*—Air Conditioning Engineering Co.
Perfection—Bromann Bros., Inc.
Perfection—Perfection Div.
Perfection—Sta-Rite Products, Inc.
Perfusaire—Auer Register Co., The
Perfxray*—General Controls Co.
Perimaheat*—Young Radiator Co.
Perma-Code—Brady Co., W. H.
Perma Foam—Smith Filter Corp.
Permaglas—Smith Corp., A. O., Permaglas Div.
Perma-Grit*—Skil Corp.
Permagum*—Presstite Div.
Perma-Lap*—Modine Mfg. Co.
Permaprene—Hatfield Wire & Cable Div.
Permaseal—Warren Co., Inc., The
Permatower*—Marley Co., The
Perma-Trim—Air-Con Filter Corp.
Permi-Cal—Topflight Corp.
Petite—Roberts-Gordon Appliance Corp.
Petro—Mark & Co., Clayton
Petrothene*—U. S. Industrial Chemicals Co.
Pexto*—Peck, Stow & Wilcox Co., The
Phoson—United Wire & Supply Co.
Phos-sil—American Brazing Alloys Co.
Phostube*—All-State Welding Alloys Co., Inc.
Pilot-Master—Hannifin Co.
Pinspotter—Duro Dyne Corp.
Pin-Up—Holly-General Co.
Pioneer—Mueller Brass Co.
Pioneer (820, 1008, 202, 216, 320, 301)—Witco Chemical Co., Inc., Pioneer Products Div.
Pipemaster*—Erie Tool Works
Pipe-Mate*—Tube Turns Div.
Pipetite-Stik—Lake Chemical Co.
Plainlock—Victaulic Co. of America
Plasti-Brass*—Anchor Plastics Co., Inc.
Plasti-Cooler—Dunham-Bush, Inc.
Plasticraft—Postcraft Co.
Plasti-Flex—Auburn Mfg. Co., The
Plasturbo—Mamco Corp.
Platecoil—Kold Hold Div.
Plierench—Fine Products Co.
Plug-In-Limit—Micro Switch Div.
Plug-In Strip—National Electric Div.
Plumber Krak-Stik—Lake Chemical Co.
Plymaster*—Rubber & Asbestos Corp.
Plymetl*—Haskelite Mfg. Div.
Polar Breez—Air Cooling Engineering Co., Inc.
Polarflake—Vilter Mfg. Corp.
Polarizer*—Chemical Solvent Co.
Polar Pak—Coleman Co., Inc., The
Polar Pantry—La Crosse Cooler Co.
Polar-Prince—Coleman Co., Inc., The
Pollux—Air Conditioning Equipment Corp.
Poly-Cor*—Moore & Co., Samuel, Dekoron Products Div.
Polyethylene—U.S. Industrial Chemicals Co.
Polyfax—Interchemical Corp., Finishes Div.
Polyflim—Dow Chemical Co., The
Poly-Flo—Imperial-Eastman Corp.
Polymerin—Interchemical Corp., Finishes Div.
Polyplates—W. H. Brady Co.
Polyquip—Hedeman Products, Inc.
Poly-V—Raybestos-Manhattan, Inc.
Poly-V-drives—Raybestos-Manhattan, Inc.
Poro-Klean—Cuno Engineering Corp.
Porta-Cart—General Electric Co., Room Air Conditioners
Portamatic—Climatic Air
Port-A-Vac—NRC Equipment Corp.
Postlite—Drake Mfg. Co.
Powair-X-Hausters—Breidert Co., The G. C.
Power-Flow—DeBothezat Fans Div.
Powermax—Tuthill Pump Co.
Powermite—Tuthill Pump Co.
Power Products*—Tecumseh Products Co.
Powerstroke—Powers Regulator Co.
Powerthon—Marathon Electric Mfg. Corp.
Precedent*—Leitner Equipment Co.
Precipitron—Westinghouse Electric Corp., Air Conditioning Div.
Pre-Fab-Rics—Cain Mfg., Inc.
Premier Merchandiser—Weber Showcase & Fixture Co., Inc.
Pre-mix Fountain—Cornelius Co.
Presst-O-Cel*—Presstite Div.
Pres-Switch—Hubbell, Inc., Harvey
Prestest*—Cutler-Hammer, Inc.

Prest-O-Lite—Linde Co.
Prest-O-Matic—Clark Door Co., Inc.
Prideline—Thermo-Products, Inc.
Primore—Automatic Machine Products Co.
Print-Stix—Topflight Corp.
Private Brands—Western Supply Co., Mfg. Div.
Procon—Hedeman Products, Inc.
Produshelf—Weber Showcase & Fixture Co., Inc.
Profit King—Warren Co., Inc., The
Progress—Cleaver-Brooks Co.
Progress Line—General Electric Co., Communication Products Dept.
Prolexite—Nutt Co., Buell W.
Propellair*—Robbins & Myers, Inc.
Propimax*—Rotron Mfg. Co.
Propo-Matic—Leslie Co.
Pro-Tecto-Hed*—Cincinnati Tool Co.
Protecto-Mask—Mystik Adhesive Products, Inc.
Protectomotor—Dollinger Corp.
Protektinsul—Miracle Adhesives Corp.
Protektoflex—Miracle Adhesives Corp.
Psychron—Bendix Corp., Friez Instrument Div.
Psychronditioner—Air Conditioning Industries, Inc.
Pump-Aid—Garman Co., Inc.
Puracon—Worth Chemical Products Co.
PurAir—Barnebey-Cheney
Puresoft—Everpure, Inc.
Pur-Flo—Eskay Mfg. Co., Inc.
Pur-Flo—Standard-Keil Hardware Mfg. Co., Inc.
Purger-Trol—American Tube & Controls, Inc.
Purox—Linde Co.
PushButton—White-Rodgers Co.
PushTite—Hansen Mfg. Co., The
Pylets—Pyle-National Co., The
Pyrocouple—Royco Instruments, Inc.
Pyrojector—Swartwout Fabricators, Inc.
Pyromaster*—Bristol Co., The

Q

Q-Beston—Auburn Mfg. Co., The
QCBC—Queen City Boiler Corp.
Q-D—Paxton-Mitchell Co.
Q-D Sheaves—Maurey Mfg. Corp.
Quick Lock—Simmons Fastener Corp.
Quick-Set—Reiner & Campbell Co., Inc.
Quick-Wedge*—Redman Co.
Quickwire—Leviton Mfg. Co., Inc.
Quietaire*—Morris Co., C. W.
Quiet-Duct*—Industrial Acoustics Co., Inc.
Quiet Flex*—Vibration Mountings & Controls, Inc.
Quiet May—Pebbco Industries, Inc., Penn Boiler Div.
Quietrol*—Jackes-Evans Mfg. Co.
Quiet-Vent*—Industrial Acoustics Co., Inc.
Quik-Labels—Brady Co., W. H.
Quikold—S & S Products, Inc.
Quik-Plates—Brady Co., W. H.

R

R & M*—Robbins & Myers, Inc.
Racolite—Rathbun Co.
Racotone—Rathbun Co.
Radi-Aire—Reynolds Electric Co.
Radial-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Radial Draw Former—Bath Co., The Cyril
Radiant-Ray—Radiant Baseboard Panels, Inc.
Radiantrim—American-Standard, Plumbing & Heating Div.
Radiax—Torrington Mfg. Co., The
Ranarex—Permutit Co.
RANCOSTAT—Ranco, Inc.
Rangaire—Cobell Industries, Inc.
Rapid Clean—Vulcan Laboratories
Rawldrills—Rawlplug Co., Inc., The
Raw Saber-Tooth—Rawplug Co., Inc.
Raymaster*—Gates & Co., Inc., George W.
Rayotube—Leeds & Northrup Co.
RCA-Whirlpool—Whirlpool Corp.
Reach-All—Fine Products Co.
Readi-Fin—Reading Tube Corp.
Ready Heat—Cox & Co., Inc.
Ream-N-Out—Wilson Mfg. Co.
Recesso—Lawler Automatic Controls, Inc.
Recipro Saw—Skil Corp.
Recirculator—Watkins Co., J. E.
Reco—Reynolds Electric Co.
Reco-Fab—Recony Sales & Engineering Corp.
Rectangular Junior*—Octagon Ventilator Mfg. Co.
Rectorseal*—Rector Well Equipment Co., Inc.
RedBand*—Howell Electric Motors Co.
Red Diamond*—Liquid Carbonic Div.
Red-E-Pak—Embassy Steel Products, Inc.
Red Head—Imperial-Eastman Corp.
Red Head*—Phillips Drill Co.
Redi-Kleen*—Microtron Corp.
Red Line—G-V Controls, Inc.
Redmond—Cyclo-Freez Corp.
Red-Reading Mercury—Palmer Thermometers, Inc.
Redstone—Round Oak Div.
Reed Vibrometer—Korfund Co., Inc., The
Refloco—Republic Flow Meters Co.
ReGalv—Rotometals
Regenerative—Breslove Separator Co.
Regent—Selmix Dispensers, Inc.
Regulaire—Perfection Div.
Regutron—Electric Machinery Mfg. Co.
Reito—Reitman Mfg. Co.
Remcon—Pyramid Instrument Corp.
Remotaire—American-Standard, Plumbing & Heating Div.
Renewatron—Bussmann Mfg. Div.
Renewo—Lunkenheimer Co., The
Rescor—Sherman Associates, Inc., C. Q.
Resinew—Deady Chemical Co.
Resorb—Barnebey-Cheney
Retardo—Sherer-Gillett Co.
RETURN-Aire*—HERRmidifier Co.
Revalon*—Revere Copper & Brass, Inc.
Reversamatic—Revco, Inc.
Rex—Air Controls, Inc.
Rex*—Crucible Steel Co. of America
Rex-Flex—Flexonics Corp.
Rexweld*—Crucible Steel Co. of America
Rex-Weld—Flexonics Div.
Rheemaire—Rheem Mfg. Co.
Rheemglas—Rheem Mfg. Co.
Rhino-Hide—Pacific Electricord Co.
Ribbon Heat—Cox & Co., Inc.
Ridgevent*—Octagon Ventilator Mfg. Co.
Ridgid—Ridge Tool Co., The
Ridg-lok—Parker Fittings & Hose Div.
Rigidamp*—Barry Controls
Rigidene—Heil Process Equipment Corp.
Rigidon—Heil Process Equipment Corp.
Rigipro—Heil Process Equipment Corp.
Rigivin—Heil Process Equipment Corp.
RIHCO—R. I. Humidifier & Vent Co., Inc.
Rimguard—Parker-Kalon
Rimset—Penn Controls, Inc.
Ring-Jet—Stokes Corp., F. J.
Ripflex—Hatfield Wire & Cable Div.
Ritelite—Nutt Co., Buell W.

**Indicates Registered Trade Name*

Rivet Gun—Malco Products
Riviera*—Webster & Co., Inc., Warren
Riv-O-Seal—Parker Seal Co.
R-K—Ruggles Klingemann Mfg. Co.
R-M—Raybestos-Manhattan, Inc.
Robbi-Tools—Robinair Mfg. Corp.
Robot—Hilson Industries, Inc.
Robot (5p)—Miller-Harris Instrument Co.
Robotrol—Reliance Time Controls, Inc.
Rock Cork—Johns-Manville
Rocker-Glo*—Pass & Seymour, Inc.
Rocket—Round Oak Div.
Rockford—National Lock Co.
Rock-Seal—West Chester Chemical Co.
Ro-Fin—Rome-Turney Radiator Co., The
Ro-Flo—Allis-Chalmers
Roiline—Waukesha Motor Co.
Rol-Air—Imperial-Eastman Corp.
Roll-A-Door—Weber Showcase & Fixture Co., Inc.
Roll-Bond—Metals Div.
Roll Matrix*—All-State Welding Alloys Co., Inc.
Roll-O-Tube—Wolverine Tube
Rolo-Bend—Wilson Mfg. Co.
Rolo-Flair—Wilson Mfg. Co.
Roof-Top*—Melchior, Armstrong, Dessau, Inc.
Roomaire*—Young Radiator Co.
Roommate*—Nesbitt, Inc., J. J.
Rosco*—Rolled Steel Corp.
Rotalock—Primore Sales, Inc.
Rotanium—Rotometals, Inc.
Rotary—Swartwout Fabricators, Inc.
Roto Aire—Burke & Co.
Rotocon—Unistrut Products Co.
RotoDiesel—Rotometals, Inc.
Roto-Glo*—Pass & Seymour, Inc.
Roto-Hammer—Skil Corp.
Rotojet—Binks Mfg. Co.
Roto Lock—Simmons Fastener Corp.
Rotomaster—Gem Refrigerator Co.
RotoMet—Rotometals
RotoNickel—Rotometals
Roto-Push*—Cutler-Hammer, Inc.
Roust-A-Bout*—Victaulic Co. of America
Roxaprene—Interchemical Corp., Finishes Div.
Royal—Chattanooga Royal Co.
Royal Chef—Chattanooga Royal Co.
R/S Controls—Refrigerating Specialties Co.
Rubber-Coat—Wilbur & Williams Co., Inc.
Rubbon*—All-State Welding Alloys Co., Inc.
Rubwet—Armour Alliance Industries
Rumaco*—Ruthman Machinery Co.
Rustex—Anderson Chemical Co., Inc.
Rustripper—Oakite Products, Inc.
Rust Veto—Houghton & Co., E. F.

S

S-14—Springfield Wire & Tinsel Co.
S-A—Lunkenheimer Co., The
SR-2—Anderson Chemical Co., Inc.
SW-200—Springfield Wire & Tinsel Co.
SafAire—Stewart-Warner Corp., Heating & Air Conditioning Div.
Safe-Air—Kauffman Air Conditioning Co.
Safeguard—Schutte & Koerting Co.
Safe-N-Ezy—Paxton-Mitchell Co.
Safeseal—Jarrow Products, Inc.
Safetak—Cain Mfg., Inc.
Safe-T-Klip—Industrial Devices, Inc.
Safe-T-Matic—McDonald Mfg. Co., A. Y.
Safety Master—Mueller Brass Co.
Safety Spiral—Ventco, Inc.
Safety-Valve—Bussmann Mfg. Div.
Saf-T-Chlor—Colonial Alloys Co.
Salamanders—Insto-Gas Corp.
Sampsonaire—Sampson Scientific Co.
Sand-Banum Briquettes—American Sand-Banum Co., Inc.
Sand-Banum Standard—American Sand-Banum Co., Inc.
Sani-Serv—General Equipment Mfg. & Sales, Inc.
Sani-Shake—General Equipment Mfg. & Sales, Inc.
Sani-Stack—Metropolitan Wire Goods Corp.
Sanitizer—Oakite Products, Inc.
Sanzall*—Milwaukee Electric Tool Corp.
Sarcoflow—Sarco Co., Inc.
Sarcotherm—Sarco Co., Inc.
Sarine*—Berna Corp.
Saturol—Oakite Products, Inc.
Saucer*—Rotron Mfg. Co.
Savage—Hill & Co., Inc., C. V.
Sawzall*—Milwaukee Electric Tool Corp.
Sawzitt*—Milwaukee Electric Tool Corp.
SC—Dodge Mfg. Corp.
Scalex—Lester Laboratories, Inc.
Scalina*—Rathbun Co.
Schlisselite*—Metropolitan Refining Co., Inc.
Schoolmaster—Rittling Corp., The
School-Vent*—Modine Mfg. Co.
SCM—Dodge Mfg. Corp.
S-Con—Air-Con Filter Corp.
Scoopmaster*—Weksler Instruments Corp.
Scoop-Rail—Cain Mfg., Inc.
Scotch Marine—Smith Twin Tubular Boiler Co., Inc.
Scotch-Weld*—Minnesota Mining & Mfg. Co., Adhesives, Coatings & Sealers Div.
Scotsman—Clipper Mfg. Co.
Scotsman—Keith Furnace Co.
Scriptcal—C & H Supply Co.
Scru-Drill*—Black & Decker Mfg. Co.
Scrugun*—Black & Decker Mfg. Co.
Sealed Life—Dodge Mfg. Corp.
Seal-Guard—Houghton & Co., E. F.
Sealmaster—Stephens-Adamson Mfg. Co.
Seal-Nut—Weatherhead Co., The
Sealtak—Cain Mfg., Inc.
Seal-Tight—Evans Corp., The George
Sealtite*—Anaconda Metal Hose Div.
Seal-Tite*—Williamson Co., The
Sealz-All—Superior Valve & Fittings Co.
Search—Watsco, Inc.
Seasonmaker—McQuay, Inc.
Seasonmaster—McQuay, Inc.
Sectional—Smith Twin Tubular Boiler Co., Inc.
See-All—Sporlan Valve Co.
Seeweld—Nutt Co., Buell W.
Selectaflow—American-Standard Controls Div.
Select-A-Spede—Allis Co., The Louis
Selectra—Maxitrol Co.
Sems*—Shakeproof Div.
Senior—Lunkenheimer Co., The
Sensatherms—Mercoid Corp., The
Sentinel—Airkem, Inc.
Sentri-Seals—New Departure Div.
Sentry—A.B.T. Mfg. Corp.
Sep-Return—Wabash Corp.
Sequence Presses—Bath Co., The Cyril
Series "50"—Jamison Cold Storage Door Co.
Series M—Koch Refrigerators, Inc.
Series M3—Koch Refrigerators, Inc.
Serv-A-Bar—Solar Systems, Inc.
Serv-Aid—Leitner Equipment Co.
Serva-Levl*—Barry Controls
Servall*—Hewitt Robins, Inc., Hewitt Rubber Div.
Serv-All—Smith-Werner Co.

ServAsoda—Specialty Engineering Corp.
Serv-ette—Hilson Industries, Inc.
Servi-Cases—Leitner Equipment Co.
Serviceman—Marsh Instrument Co.
Service master—Aeroquip Corp.
Servit—Specialty Engineering Corp.
Servi-Top—Leitner Equipment Co.
Serv-Master—Weber Showcase & Fixture Co., Inc.
Servue—Barr Mfg. Co.
Sewertite—Carey Mfg. Co., The Philip
Shafconaire—Overhead Heaters, Inc.
Shakemaker—Sweden Freezer Mfg. Co.
Shakeproof*—Shakeproof Div.
Shank & Kruppe—Shank Co., C.
Shear-Flex*—Vibration Mountings & Controls, Inc.
Shellertex—Sheller Mfg. Corp.
Shell-Ice*—Frick Co.
Sherarduct—National Electric Div.
Shock Absorber—Clark Door Co., Inc.
Shorty—Atkomatic Valve Co., Inc.
Shorty*—Black & Decker Mfg. Co., The
Show-Box—Manning, Maxwell & Moore, Inc.
Shure-Drive—Ramset Fastening Systems, Winchester-Western Div.
Shure-Set—Ramset Fastening Systems, Winchester-Western Div.
Shur-Flo—Hays Mfg. Co., Automatic Controls Div.
Shur-Flo—Walker Mfg. & Sales Corp.
Sight Master—Mueller Brass Co.
Sil Bond—United Wire & Supply Corp.
Sil-Clad—Electric Machinery Mfg. Co.
Silco—Silver Refrigeration Mfg. Corp.
Silent-Aire—Swift Mfg. Co., Inc.
Silent Knight—White-Rodgers Co.
Silent-Ride—Zatko Metal Products Co.
Sil Flux—United Wire & Supply Corp.
Sil-Fos—Handy & Harman
Silhouette—Amcoin Corp.
Sill-Line*—Nesbitt, Inc., J. J.
Siltube*—All-State Welding Alloys Co., Inc.
Silvaloy—Engelhard Industries, Inc.
Silvector—Rittling Corp.
Silvercel*—Silvercote Products, Inc.
Silver King—Stevens-Lee Co.
Silver Phostube*—All-State Welding Alloys Co., Inc.
Silvertop—Anderson Co., The V. D.
Sirocco—American-Standard Industrial Div.
Skail-Away—Veri Products Co.
Skid-Grip—Wilbur & Williams Co., Inc.
Skilsaw*—Skil Corp.
Skinner—Hedeman Products, Inc.
Skinner-Seal—Skinner Co., M. B.
Skrew-Set—Ramset Fastening Systems, Winchester-Western Div.
SL—Tenney Engineering, Inc.
Slack Tube—Dwyer Mfg. Co., F. W.
Sleevoil—Dodge Mfg. Corp.
Slimline—Leitner Equipment Co.
SLP—Dodge Mfg. Corp.
SlushMaker—Sweden Freezer Mfg. Co.
Smith-Pac—Smith Co., Inc., The H. B.
Smog-Free—Radex Corp.
Smokestop—Cambridge Filter Corp.
Smoothcote—All-State Welding Alloys Co., Inc.
Snap-Joint*—Victaulic Co. of America
Snaptite—Hedeman Products, Inc.
Snopan*—Dean Products, Inc.
Snoplate*—Dean Products, Inc.
Sno-Queen—Victory Metal Mfg. Corp.
Snowball*—Cole Vending Industries, Inc.
Snub-Nose—Divco Truck Div.
Snug—Weil-McLain Co., Inc.
Socketless—Aeroquip Corp.
Sodamaid—Icemaid, Inc.
Sodamaker—Superior Refrigerator Mfg. Co., Inc.
Sodamaster—Carbonic Dispenser, Inc.
SodaServer—Sweden Freezer Mfg. Co.
Sodashoppe*—Continental APCO, Inc.
Soft Server—Sweden Freezer Mfg. Co.
Soft-Serv Fountain—Sweden Freezer Mfg. Co.
Solaire—Solar Systems, Inc.
Solar Western—Folsom Co., Inc.
Solgas*—Sun Oil Co.
Solidaire*—Airkem, Inc.
Solox*—U. S. Industrial Chemicals Co.
Solray—Weil-McLain Co., Inc.
Solvex*—Chemical Solvent Co., Inc.
Solvo-Rust*—Permatex Co., Inc.
Sonac—Delavan Mfg. Co.
Sonoairduct—Sonoco Products Co.
Soplasco—Southern Plastics Co., Inc.
Space Saver—Fine Products Co.
Spacesaver—Payne Co., The
Space-Saver—Philco Corp.
Sparklite—Controls Co. of America, Heating & Air-Conditioning Div.
Spasaver—Drayer-Hanson
Speco—Pfanstiehl Laboratories, Inc.
Spee-d—Air Control Products, Inc.
Speedaire—Dayton Electric Mfg. Co.
Speed-Angle—Jarrow Products, Inc.
Speedbus—National Electric Div.
Speed Clamps*—Tinnerman Products, Inc.
Speed Clips*—Tinnerman Products, Inc.
Speed Freeze—Ideal Cooler Corp.
Speed Grips*—Tinnerman Products, Inc.
Speedmaster—S & S Machinery Co.
Speed Nuts*—Tinnerman Products, Inc.
Speedomax—Leeds & Northrup Co.
SpeedWay—Thor Power Tool Co.
Spellite—West Chester Chemical Co.
Spher-Align—Dodge Mfg. Corp.
Sphereflex—Philadelphia Gear Corp.
Spinner—Inland Steel Products Co.
Spintex—Johns-Manville
Spiral—United Sheet Metal Co., Inc.
Spon-Hoist—Sponhaltz Enterprises, Inc.
Spoolarc*—All-State Welding Alloys Co., Inc.
Spotaire—Drayer-Hanson
Spra-Rite—Binks Mfg. Co.
SpraTower*—Marley Co., The
Spreader-Flame—Roberts-Gordon Appliance Corp.
Spread Heat—Barber Mfg. Co., The
Spring-Flex*—Vibration Mountings & Controls, Inc.
Spring Lock—Simmons Fastener Corp.
Square Heat—American-Standard Industrial Div.
SS-25*—National Chemsearch Corp.
Stabelizer*—Chemical Solvent Co.
Stackmaster*—Union Steel Chest Corp.
Sta-Kold—Victory Metal Mfg. Corp.
StamFan—Stamford Fan Co., Inc.
Staps—Parker-Kalon
Staput—State Pipecovering Co.
Starfire—Utica Radiator Corp.
Start-O-Metic—Airserco Mfg. Co.
Statesman—Raetone Commercial Refrigerator Corp.
Statick*—Hirschman-Pohle Co., Inc.
Sta-Tite—Superior Valve & Fittings Co.
Stat-O-Seal—Parker Seal Co.
Stay-Brite—Harris Co., J. W.
Stay-Clean—Harris Co., J. W.
Staynew—Dollinger Corp.

**Indicates Registered Trade Name*

Stay-Silv—Harris Co., J. W.
Steadypower—Imperial Electric Co.
Stedy-Mount—Vilter Mfg. Corp.
Steelarc*—All-State Welding Alloys Co., Inc.
Steelfin—New York Blower Co., The
Steempan*—Dean Products, Inc.
Sterilamp—Westinghouse Lamp Div.
Sterlco*—Sterling, Inc.
Sterlicone—Sterling Electric Motors, Inc.
Sterling*—Essick Mfg. Co.
Stewart-Aire—Stewart Industries, Inc.
Stick-N-Seal*—Permatex Co., Inc.
Storagemaster—Haertel Co., Walter
Strain-O-Kap—Watsco, Inc.
Straitflo—Hays Mfg. Co., Automatic Controls Div.
Stratobraze—Stratoflex, Inc.
Stratocrimp—Stratoflex, Inc.
Strato-Flair—Wilson Mfg. Co.
Stratogrip—Stratoflex, Inc.
Stratolok—Stratoflex, Inc.
Streamline—American Engineering Co.
Streamline—Mueller Brass Co.
Streamliners—Auer Register Co., The
Strip-O-Seal—Parker Seal Co.
Stubby—Holly-General Co.
Styrofoam—Dow Chemical Co., The
Styron—Dow Chemical Co., The
Sub-Du-It—Yardley Plastics Co.
Submatic*—Franklin Electric Co., Inc.
Submerge*—Red Jacket Mfg. Co.
Submersipool—Franklin Electric Co., Inc.
Summit—Akron Metallic Gasket Co.
Sump-o-matic—March Mfg. Co., Inc.
Sundial—Slant/Fin Radiator Corp.
Sunisco*—Sun Oil Co.
Sun-Lite-Aire—Sampson Scientific Co.
Sunnyland—Crane Co., Plumbing, Heating, Air Conditioning Group, Air Conditioning & Refrigeration Div.
Sunoco*—Sun Oil Co.
Sunrad—American-Standard, Plumbing & Heating Div.
Sun Valley—Arkla Air Conditioning Co.
Sunvis*—Sun Oil Co.
Supco—Sealed Unit Parts Co., Inc.
Super/Air Van*—Gallaher Co., The
Super Auto Klean—Cuno Engineering Corp.
Super Champion—Cornelius Co.
Super Diamond—Eastern Stainless Steel Corp.
Super Dry-Eye—Ansul Chemical Co.
Super Dylan*—Koppers Co., Inc.
Superex—Johns-Manville
Super Filmeen—Dearborn Chemical Co.
Superfine—Pittsburgh Plate Glass Co.
Superflo—Graymills Corp.
Super French Finish—Eastern Stainless Steel Corp.
"super gem"—Aeroquip Corp.
Superior—Gould-National Batteries, Inc., Engine Parts Div.
Super-Lag—Bussmann Mfg. Div.
Superlight—Carey Mfg. Co., The Philip
SuperMatic—Clipper Mfg. Co.
Super Merchandisers—Warren Co., Inc., The
Supermill—S & S Machinery Co.
Super-Power—Philco Corp.
Super Powerhouse*—Baldwin-Ehret-Hill, Inc.
Super-Seal—Allis-Chalmers
Super-Serve—Cornelius Co.
Super-Silent—Morrill Motors, Inc.
Super-Silvertop—Anderson Co., The V. D.
Super Steel*—Union Steel Chest Corp.
Super "T"—Reliance Electric & Engineering Co.
Supervend—Specialty Engineering Corp.
Super Wedge—Maurey Mfg. Corp.
Super-X—Airserco Mfg. Co.
Super-X—Chicago-Wilcox Mfg. Co.
Supreme—La Crosse Cooler Co.
Supreme—Miller & Son, Inc., Franklin P.
Supreme—Recold Corp.
Surebraze—Dalweld Co., Inc.
Sureclor—Mark & Co., Clayton
Surefit—Henry Furnace Co., The
Sure-Return*—Chicago Pump, Hydrodynamics Div.
Surfaceduct—National Electric Div.
Surfa-Etch—Rust-Oleum Corp.
Surfa-Sele—Rust-Oleum Corp.
Surfex*—Pass & Seymour, Inc.
Swearingen—Statham-Swearingen, Inc.
Sweep Balance*—Air Conditioning Equipment Corp.
Sweetex—Anderson Chemical Co., Inc.
Swifty*—Milwaukee Electric Tool Corp.
Swing 'N Serve—Norge Div.
Switchstat—Penn Controls, Inc.
Swivel—Primore Sales, Inc.
Syloid 244—Grace & Co., W. R., Davison Chemical Div.
Sylphon—Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Synchrostat—Electric Machinery Mfg. Co.
Syncretizer*—Nesbitt, Inc., J. J.
Syncro-Spede—Allis Co., The Louis
Synduction—Allis-Chalmers
System Boss—Ansul Chemical Co.
System Cleaner—Hermetic Parts, Inc.

T

T///D*—Air & Refrigeration Corp.
Tabasco—American-Standard Industrial Div.
Tackmaster*—Rubber & Asbestos Corp.
TACO—Triple "AAA" Co.
Taco-Matic—Taco Heaters, Inc.
Taco-Vent—Taco Heaters, Inc.
Taco-Zone—Taco Heaters, Inc.
Take-Off Silencer—Hansson, Inc., Elof
Tapaline—Mechanical Refrigeration Enterprises
Tapaline Jr.—Mechanical Refrigeration Enterprises
Taper-Lock*—Dodge Mfg. Corp.
Tapgun*—Black & Decker Mfg. Co., The
Tapits—Parker-Kalon
Tapz-All*—Superior Valve & Fittings Co.
Target—Anchor Packing Co., The
Tauril—Anchor Packing Co., The
Taylor Freezmaster*—Tekni-Craft
Taylor Shakemaster*—Tekni-Craft
TecLine—Electro-air Cleaner Co., Inc.
Teel—Dayton Electric Mfg. Co.
TeeLet—Forge & Fittings Div.
TEH—Tenney Engineering, Inc.
Telestat—General Controls Co.
Tele-Strip*—Dialight Corp.
Tele-Tube—Barber Mfg. Co., The
Tellz-All—Superior Valve & Fittings Co.
Temp-Cop—Micro Switch Div.
Tempoint*—Bacharach Industrial Instrument Co.
Tempotherm*—General Controls Co.
Temp-Rac—Conrad, Inc.
Temprobe—Victory Engineering Corp.
Tempscribe*—Bacharach Industrial Instrument Co.
Temtrol—Penn Controls, Inc.
Tenite—Eastman Chemical Products, Inc.
Tens-A-Matic*—Murray Equipment Co., Inc.
TEP*—Tuttle Electric Products, Inc.
Tergitrol—Union Carbide Chemicals Co.

Terminette—Watsco, Inc.
Tesamoll—United Mineral & Chemical Corp.
Tesco—Tennessee Erector Service Co., Inc.
Tetles*—Lester Laboratories, Inc.
T.F.C.—Tube Form Control, Inc.
T-Flo—Ansul Chemical Co.
Thaw System—Kramer Trenton Co.
Thawzone*—Highside Chemicals Inc.
Therma Cooler—Thermador Electrical Mfg. Co.
Thermaflex-A—Flexible Tubing Corp.
Thermaflex-ST—Flexible Tubing Corp.
Therma-K*—Baldwin-Ehret-Hill, Inc.
Therm-Alarm—Koch Refrigerators, Inc.
Thermalite*—Baldwin-Ehret-Hill, Inc.
Thermalloy—American Brake Shoe Co.
Thermaster—Thatcher Furnace Co.
Thermatic—National Thermatic Corp.
Thermatrol—Hatfield Wire & Cable Div.
Thermatrol—Schnacke, Inc.
Thermatron—Squires Co., The C. E.
Thermazip—Zippertubing Co., The
Thermek—Heatron, Inc.
Thermex—McQuay, Inc.
Thermi-tem—Royco Instruments, Inc.
Thermo*—Alco Valve Co.
Thermobank—Kramer Trenton Co.
Thermobank Compressor—Kramer Trenton Co.
Thermo-Base*—Gerwin Industries, Inc.
Thermo-Bord—Carey Mfg. Co., The Philip
Thermo-Dynamic*—Sarco Co., Inc.
Thermo-Grip—Ideal Industries, Inc.
Thermohm—Leeds & Northrup Co.
Thermojet—International Boiler Works Co.
Thermo-Kool—Thermo Electronics, Inc.
Thermolevel—Watkins Co., J. E.
Thermolier—Grinnell Co., Inc.
Thermo-Lok—Airserco Mfg. Co.
Thermometals—Engelhard Industries, Inc.
Thermo-Meter—Airserco Mfg. Co.
Therm-o-meter—Simpson Electric Co.
Thermo Pace—Thermo Products, Inc.
Thermopilot*—General Controls Co.
Thermo Pride—Thermo Products, Inc.
Thermorama*—General Controls Co.
Thermoramic*—General Controls Co.
Thermoramic Center—General Controls Co.
Thermo-Seal—Tube Turns Plastics, Inc.
Thermoswitch*—Fenwal, Inc.
Thermo-Tester—Airserco Mfg. Co.
Thermotrol*—Sterling, Inc.
Therm-O-Tron Pipe Thawer—Trindl Products, Ltd.
Thermovent*—Nesbitt, Inc., J. J.
Thermowire—Cox & Co., Inc.
Thesco—Schmidt Co., The C.
Thinflex—Mystik Adhesive Products, Inc.
Thinline—General Electric Co.
Thinline—Zero Cold, Inc.
Thinplate Dimensionals—Park Electrochemical Corp.
Thinplates—Park Electrochemical Co., Inc.
Thirs-Tee—Viking Air Products
"33" Series—Havens Cooling Towers
Thomas A. Edison*—Albion Div.
3-1 Gourmette*—Leitner Equipment Co.
321 SW—Eastern Stainless Steel Corp.
3M Brand*—Minnesota Mining & Mfg. Co., Adhesives, Coatings & Sealers Div.
3 Way Jet—Mark & Co., Clayton
Thrift-Trim—Markel Electric Products, Inc.
Thunder-twist—New England Carbide Tool Co., Inc.
Ti-Co—Inland Steel Co.
Tile-Cote—Wilbur & Williams Co., Inc.
Timbond—Armour & Alliance Industries
Ti-Namel—Inland Steel Co.
Tinol*—American Solder & Flux Co.
Tiny—Atkomatic Valve Co., Inc.
Tiny Giant—Moore & Hanks Co.
Tinylite—Drake Mfg. Co.
Titelite—Drake Mfg. Co.
T M C*—Tube Manifold Corp.
Tonrac—American-Standard Industrial Div.
Top-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Top Mounts—Ritter Metal Corp.
Topper*—Leslie Co.
Top-View—Weber Showcase & Fixture Co., Inc.
Tork-grip—Parker Fittings & Hose Div.
Torpedo—Imperial-Eastman Corp.
Torque Wedge—Dick Co., Inc., R. & J.
Torrivent*—Trane Co., The
Touch-A-Matic—Amcoin Corp.
Trace*—Highside Chemicals Inc.
Trailblazer—Red Jacket Mfg. Co.
Transflo—Johnson Tank & Tower Co.
Transistorized Progress Line—General Electric Co., Communication Products Dept.
Transite—Johns-Manville
Transulite—Johns-Manville
Trap-Dri—Controls Co. of America, Heating & Air-Conditioning Div.
Travelaire*—Metalaire Products Div.
Trav-Mar—X-Pando Corp.
Trentweld*—Crucible Steel Co. of America
Trentweld—Trent Tube Co.
Tri-Clad '55'—General Electric Co., Small Integral Motor Dept.
Tri-Flex—Tuttle & Bailey
Triflux*—Redmond Co., Inc.
Tri-Gard—Ziegler & Co., G. S.
Trim-Boy—Coleman Co., Inc., The
Trimline*—Vulcan Radiator Co.
Trimtex—Drico Industrial Corp.
Tri-Pak—Perfection Div.
Tripl-Aire—Hart & Cooley Mfg. Co.
Triple Jet—Hudson Industries, Inc.
Triple-lok—Parker Fittings & Hose Div.
Triple-Seal—Imperial-Eastman Corp.
Tri Solvadiene—Colonial Alloys Co.
Tri-Sul-Ite—Ziegler & Co., G. S.
Tri-Temp—Raypak Co., Inc.
Trojan—Gummed Products Co., The
Tron—Bussmann Mfg. Div.
Trona—American Potash & Chemical Corp.
Trophy—Fedders Corp.
Tropic-Aire*—Albion Div.
TropicAire*—Transportation Cooling Div.
TropicAire/Coldmobile*—Transportation Cooling Div.
Tru-Air—Blazer Corp.
Trubond—Truco Masonry Drilling Div.
Tru-Bored—Hannifin Co.
Trucote—All-State Welding Alloys Co., Inc.
Trufin—Wolverine Tube
Truk-Cel—Dole Refrigerating Co.
Tru-Line—Truco Masonry Drilling Div.
Tru-Set—Ramset Fastening Systems, Winchester-Western Div.
Tru-Vac—Truco Masonry Drilling Div.
T-S—Watsco, Inc.
T-Shot—Slant/Fin Radiator Corp.
Tubar—Uhrden, Inc.
Tubar Hi-Dump—Uhrden, Inc.
Tubarlift—Uhrden, Inc.
Tubed Sheet—Reynolds Metals Co.
Tube-In-Strip—Revere Copper & Brass, Inc.
Tubejet—Wheeler Mfg. Co., C. H.
Tuckaway—Perfection Div.

**Indicates Registered Trade Name*

Tuff-Bond—Moore, Inc., Goodloe E.
Tufflex*—Wood Conversion Co.
Tuff-Weld—Moore, Inc., Goodloe E.
Tuffy—Superior Valve & Fittings Co.
Tuf-Quik—Wilbur & Williams Co., Inc.
Tugit—Manning, Maxwell & Moore, Inc.
Turbair*—Acme Industries, Inc.
Turbomaster—York Div., Engineered Machinery Div.
Turbopak—York Div., Engineered Machinery Div.
Turbo-Vac*—Kent Co., Inc., The
TW—Tenney Engineering, Inc.
Twinair—Witt Co., Inc., A. H.
Twin-Blok—Unilectric, Inc.
Twinduct—National Electric Div.
Twin Isle*—Warren Co., Inc., The
Twinline—York Div., Packaged Product Div.
Twin-Port—Watsco, Inc.
Twist-Lock—Hubbell, Inc., Harvey
Twist-Tite—Hubbell, Inc., Harvey
2-Zone*—Manitowoc Equipment Works
Ty-Bro—Tyson Metal Products
TyniSwitch—American-Standard Controls Div.
Type MH—Union Iron Works
Type O—Union Iron Works
Type S—Union Iron Works
Type VO—Union Iron Works
Typhoon—Hupp International Div.
Tyril—Dow Chemical Co., The
Tyson—SKF Industries, Inc.

U

Ucon—Union Carbide Chemicals Co.
U.D.D.—United Wire & Supply Co.
Uflex—Hatfield Wire & Cable Div.
U-KUT-IT*—Technical Filter Co.
Ulok—Union Carbide Development Co.
Ultra-Cold*—Solar Systems, Inc.
Ultracoustic*—Gustin-Bacon Mfg. Co.
Ultrafine*—Gustin-Bacon Mfg. Co.
Ultralite*—Gustin-Bacon Mfg. Co.
Ultra Low—Revco, Inc.
Ultra Solvex*—Chemical Solvent Co.
Ultra-Vapor—Viking Air Products
Una-Dyn—Universal Dynamics Corp.
Unatherm Governor—Raypak Co., Inc.
Underflow*—Marley Co., The
UnEPac—Electric Products Co.
UniCast—Redmond Co., Inc.
Uni-Chiller—Vilter Mfg. Corp.
Uniclor—Universal Water Softener Co.
Unicon—Kramer Trenton Co.
Uni-Crest—United Cork Companies
Uni-Filter—Dracco Div.
Unifilter—General Filters, Inc.
Uni-flo—Barber-Colman Co.
Uni-Hole—Superior Valve & Fittings Co.
Uniline*—Pass & Seymour, Inc.
Unimount—March Mfg. Co., Inc.
Uni-Pak—Master-Bilt Refrigeration Mfg. Co.
Unipak—Sprague Electric Co.
Unipar—Parker Fittings & Hose Div.
Uni-Point—Universal Screw Co.
Unipump—Weinman Pump Mfg. Co.
Uni-Resonator—Hansson, Inc., Elof
Uni-Silencer—Hansson, Inc., Elof
Uni-Struc—Franklin Electric Co., Inc.
Unitaire—Airtherm Mfg. Co.
Unitaire—Westinghouse Electric Corp., Air Conditioning Div.
UniTrane*—Trane Co., The
Unitrol—Grayson Controls Div.
Unitwire—Unilectric, Inc.
Univer-Sell—Weber Showcase & Fixture Co., Inc.
Urbanite—Dowagiac Steel Furnace Co.
usAIRco—United States Air Conditioning Corp.
U. S. Flex*—Keflex Mfg. Div.
U.S.G.—United States Gypsum Co.
USS National*—National Tube Div.
Util-A-Vent—General Blower Co.
Utilco—Union Steel Chest Corp.
Utilitube—Aluminum Co. of America
U-V-S Jr. Turbo—General Blower

V

V-Con—Air-Con Filter Corp.
V-Line—Victory Metal Mfg. Corp.
V-M Series—Havens Cooling Towers
VP-EX—New York Blower Co., The
V-S Drives—Reliance Electric & Engineering Co.
V Series—Havens Cooling Towers
Vac-Tite—Hermetic Seal Corp.
Vac-U-Rig*—Milwaukee Electric Tool Corp.
Vaillant—Norcold, Inc.
Valuaire—Auer Register Co., The
Valvatrol—Squires Co., The C. E.
Valvmatic—Wheeler Mfg. Co., C. H.
Vapco—Garman Co., Inc.
Vapo Lock*—M.M.M., Inc.
Vapomatic*—Recold Corp.
Vaporene*—Metropolitan Refining Co., Inc.
Vaporiter—Vilter Mfg. Corp.
Vapo Wall*—M.M.M., Inc.
Vap-R-Tyt*—Jamison Cold Storage Door Co.
VarEPack—Electric Products Co.
Vari-Air—Morrison Products, Inc.
Vari-basic—Torrington Mfg. Co., The
Vari-Flow*—Dunham-Bush, Inc.
Varipulse*—Barry Controls
Vari-Vac*—Dunham-Bush, Inc.
VASCOCEL—Virginia Chemicals & Smelting Co.
Vaultmaster—Haertel Co., Walter
VECO—Victory Engineering Corp.
Vectorex*—Kritzer Products
Vectormatic—Fedders Corp.
Vectrole—Chatleff Controls, Inc.
Vee-Aire—Bohn Aluminum & Brass Corp., Danville Div.
Veg-E-Master—Weber Showcase & Fixture Co., Inc.
Vegetaire—Sherer-Gillett Co.
VelveTrim—Bohn Aluminum & Brass Corp.
Velvetrol—Gould Co., J. D.
Vent-A-Chef—Leitner Equipment Co.
Ventiduct—Aeroquip Corp.
Vent-Lo-Chef—Leitner Equipment Co.
Vent Set—Utility Fan Corp.
Vent-Spline—Hansson, Inc., Elof
Ventura—American-Standard Industrial Div.
Venturafin—American-Standard Industrial Div.
Venturi-Flo—Alco Valve Co.
Venturi-Flo—Barber-Colman Co.
Venturi-Tops—Walker Mfg. & Sales Corp.
Vent-X-It*—Octagon Ventilator Mfg. Co.
Versa—Beverage Coolers, Inc.
Versare—American-Standard Industrial Div.
Versat-all—Peerless Corp.
Versatrol—General Controls Co.
Versatube—Wolverine Tube
Vertibay—Vilter Mfg. Corp.
Vertiflow*—Young Radiator Co.
Vibraducer—Atlantic Metal Hose Co., Inc.
Vibraflexor—Atlantic Metal Hose Co., Inc.
Vibra-Free*—Williamson Co., The
Vibra-Stop—Wilson, Inc., Grant

Vibro-Hanger—Korfund Co., Inc., The
Vibro-Isolator—Korfund Co., Inc., The
Vibrotest*—Associated Research, Inc.
Vic-Easy*—Victaulic Co. of America
Vic-Groover*—Victaulic Co. of America
Victor—Hall-Neal Furnace Co.
Victoraire—Hall-Neal Furnace Co.
Viltrite—Vilter Mfg. Corp.
Vimco—Victory Metal Mfg. Co.
Vinco—Veteran Pipecovering Co., Inc.
Vinylite—Union Carbide Plastics Co.
Violet Ray—General Controls Co.
Visicold—Leitner Equipment Co.
Visi-Flo—OPW-Jordan
Visi-Kool—Leitner Equipment Co.
Vitaflex—Atlantic Metal Hose Co., Inc.
Vitrilan—Interchemical Corp., Finishes Div.
Vix-Syn—Houghton & Co., E. F.
VMC—Vilter Mfg. Corp.
Vuemaster—Mueller Brass Co.
Vulcan—Copes-Vulcan Div.
Vulcanol—Vulcan Laboratories

W

Wabana—Unilectric, Inc.
Wall-Fin—Trane Co., The
Wall-Fit—Fedders Corp.
Wall-Flame—Silent Automatic Products
Walvector*—Webster & Co., Inc., Warren
Wash Concentrate—Merix Chemical Co.
Water-Boy—Maid-O'-Mist, Inc.
Water Buffalo—Jabsco Pump Co.
Water Defrost—Recold Corp.
Waterene—Lester Laboratories, Inc.
Water Mule—Jabsco Pump Co.
Water Puppy—Jabsco Pump Co.
Water Saver—Larkin Coils, Inc.
Water-Skipper*—Easton R. S. Corp.
Watertemp—Binks Mfg. Co.
Wat-R-Bar*—Presstite Div.
Wave-Flow*—Henry Valve Co.
Waxfree—Texaco, Inc.
WC Products—Worth Chemical Products Co.
Weatherban*—Minnesota Mining & Mfg. Co., Adhesives & Coatings Div.
Weather-Chron*—Automatic Devices Div.
Weather-Flo*—Automatic Devices Div.
Weatherguard—Aerovox Corp.
Weather Hood—All-Weather Supply Co., Inc.
Weatherite*—International Oil Burner Co.
Weathermaker—Carrier Air Conditioning Co.
Weather-Man*—Automatic Devices Div.
Weathermaster—Carrier Air Conditioning Co.
Weathermaster—Keith Furnace Co.
Weather-Matic—National Thermatic Corp.
Weathermetic—Warren Co., Inc., The
Weathertrol—Therm-Air Mfg. Co.
Weathertron*—General Electric Co.
Weatherwise—Barkow Mfg. Co., Inc., Aug. G.
Wedge—Kramer Trenton Co.
Wedgetight—Jamison Cold Storage Door Co.
Weidemann Work—Rockwell-Standard Corp., Stamping Div.
Weirite—Weirton Steel Co.
Weirkote—Weirton Steel Co.
Weir-Meyer—Meyer Furnace Co., The
Weirzin—Weirton Steel Co.
Weld-lok—Parker Fittings & Hose Div.
Weldrawn—Superior Tube Co.
Wendway—Union Steel Products Co.
Western—Global Air Conditioning
Western-aire—Western Supply Co., Mfg. Div.
Whirl-Clones—Dracco Div.
Whirljet—Spraying Systems Co.
Whirlwind*—Black & Decker Mfg. Co., The
WhispAir—Westinghouse Electric Corp., Air Conditioning Div.
Whisper Quiet—Rybolt Heater Co., The
White—Gould-National Batteries, Inc., Engine Parts Div.
Whizair—Witt Co., Inc., A. H.
Wil-Pak—Chicago-Wilcox Mfg. Co.
Wilson—Mason Worcester Brush Co.
Wilson—Tyler Refrigeration Corp.
Wimco—Wilson Mfg. Co.
Windmaker—Rich Fan Mfg. Co., Phil
Windmaster—Lima Register Co.
Wing-Nut—Ideal Industries, Inc.
Winkler—Stewart-Warner Corp., Heating & Air Conditioning Div.
Winnie Wickford—Wickford Products, Inc.
Winter Chaser—Campbell Heating Co.
Wipe—Merix Chemical Co.
Wire-Nut—Ideal Industries, Inc.
Wirewa—National Electric Div.
Witcolite—Witco Chemical Co., Inc., Pioneer Products Div.
Wizard*—Fisher Governor Co.
Wolf-Linde—Dersch, Gesswein & Neuert, Inc.
W-Point—Parker-Kalon
W-S Double Diamond—Forge & Fittings Div.
Wyr-lok—New England Carbide Tool Co., Inc.

X, Y, Z

Xcel-Flux—American Products Corp.
XL-Hilger—Aircraft Production Engineers

Y-A Ice Boy—Yates-American
Yarway*—Yarnall-Waring Co.
Yearound*—Williamson Co., The
Yoloy*—Youngstown Sheet & Tube Co., The
Yorkaire 3-Pipe—York Div., Engineered Machinery Div.
York-Heat—York-Shipley, Inc.
Yorkpak—York Div., Engineered Machinery Div.
York-Power—York-Shipley, Inc.
Yukon—La Crosse Cooler Co.
Yulatom—Yula Corp.
Yulatrol—Yula Corp.

Zeo-Karb—Permutit Co.
Zeph-Air—XXth Century Heating & Ventilating Co.
Zephyr—Maid-O'-Mist, Inc.
Zephyrcon—Larkin Coils, Inc.
Zero Bin—Leitner Equipment Co.
Zer-o-Disc—Vilter Mfg. Corp.
Zero-Frost—McQuay, Inc.
Zerolab*—Solar Systems, Inc.
Zero-Master—Weber Showcase & Fixture Co., Inc.
Zero-Pak—McQuay, Inc.
Zero Perm—Alumiseal Corp.
Zero Shelf*—Federal Refrigerator Mfg. Co.
Zerozone—Copeland Refrigeration Corp.
Zincgrip—Armco Div.
Zincgrip Paintgrip—Armco Div.
Zinc-Shield—Wilbur & Williams Co., Inc.
Zip-A-Dip—Weber Showcase & Fixture Co., Inc.
Zipduct—Zippertubing Co.
Ziprtop—Union Steel Products Co.
Zip-Tin—Tinit Mfg. Co., Inc.
Zip-Tite—Tinit Mfg. Co., Inc.
Zone-A-Flow—White-Rodgers Co.
Zoneair—Witt Co., Inc., A. H.
Zone-A-Matic—Edwards Engineering Corp.
Zone-A-Trol—Econo Products Co., Inc.
Zoneline—General Electric Co., Room Air Conditioners

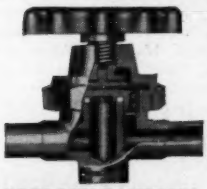
**Indicates Registered Trade Name*

HENRY

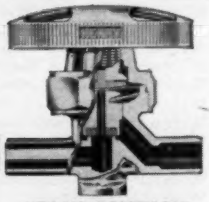
PACKLESS VALVES, PACKED VALVES, RELIEF VALVES and CHECK VALVES for Refrigeration, Air Conditioning and Industrial Uses

PACKLESS SHUT-OFF VALVES

Features: Forged brass body with integral mounting flange — Hermetic seal between bonnet, diaphragm & body—Non-rotating floating bearing plate in upper stem—Stainless Steel spring—Fully retained seat disc —Positive shut-off.



"GOLDEN BANTAM"



"BLUE BANTAM"

"GOLDEN BANTAM"

Small, compact, light in weight. Positive backseating upper stem. Working pressures to 500 psi. Sizes ¼" thru ⅝". Fl., and O.D.S. Need not be taken apart for mounting or soldering operation.

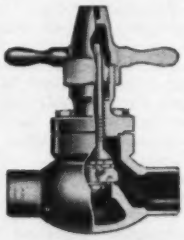
"BLUE BANTAM"

Incorporates exclusive Henry Balanced-Action design. Non-directional for pressures up to 350 psi. For higher pressures to 500 psi, direction of flow must be under valve seat. Positive backseating upper stem. Sizes: ¼" thru ⅝" flare; ¼" thru 1⅛" O.D. Solder.

STANDARD TYPE

Has Balanced-Action & back seating lower stem, permitting inspection or replacement of diaphragms under line pressure. Same pressures and operating characteristics as for "Blue Bantam". Sizes: ¼" thru ⅝" fl., ¼" thru 1⅛" O.D.S. and ¼" thru 1" F.P.T. Also angle, purge, expansion and branch three-way types in popular sizes and connections.

WING CAP PACKED VALVES



Bronze bodies with connections, sizes ⅜" thru 4⅛" O.D.S. Ductile iron bodies with F.P.T. connections, Sizes ½" thru 2½". Semi-steel flanged type, bolted bonnets, with separate brass O.D.S. adapters, sizes 1⅛" thru 5⅛"; with separate steel butt weld adapters, sizes 1" thru 5"; with separate one piece F.P.T. or socket weld flanges, sizes 1¼" thru 5". Non-rotating, self-aligning swivel disc. Back-seating permits repacking under pressure. Wing cap seal minimizes refrigerant losses.

RELIEF VALVES

Approved Under Safety Codes. Most sizes meet ASME Standards. National Board Certified.

For Refrigerants 12 and 22, etc.

Pressure Setting range, 50 to 450 psi.

STRAIGHT-THRU TYPE

Large capacity, brass construction. Positive pressure relief. Accurate opening and reseating. Inlet size range: ¼" thru 1¼" M.P.T.; ½" thru 1" F.P.T. Flare outlet size range: ⅜" thru ⅝" and ½" thru 1¼" F.P.T.

ANGLE TYPE

Large capacity, forged brass. Sizes: ¼" thru ½" M.P.T. inlet with flare outlet and ⅝" O.D.S. inlet and outlet. Other types of brass relief valves include atmospheric, diaphragm, and combination diaphragm with rupture disc.

AMMONIA RELIEF VALVES

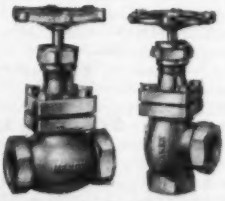
Semi-steel body, stainless steel trim. Pressure setting range 50 to 450 psi. Sizes: ⅜" thru 2" F.P.T. Also packaged Dual Relief Valve Assemblies simplify installation. Sizes: ½", ¾" and 1" F.P.T. inlet.

CHECK VALVES

For Refrigerants 12 and 22, etc.—Piston type, bronze alloy sizes ⅞" thru 4⅛" O.D.S. Other types also available.

FOR AMMONIA—Ductile iron bodies. Sizes ½" thru 2" F.P.T. with or without seat-lift. Semi-steel bodies with seat-lift. Sizes 1¼" thru 5" with either F.P.T. or socket weld flanges.

AMMONIA VALVES



Forged Steel, Ductile iron or semi-steel bodies. Compact design, light weight. Floating, non-rotating replaceable swivel shut-off disc. Full capacity flow. Back-seating. Sizes ¼" thru 2½" F.P.T. integral connections or flanged valves in sizes ½" thru 5" with either F.P.T. or socket weld connections; 1¼" thru 5" welding neck flanges. Globe and angle types.

ALSO CHARGING HOSES, COMPRESSOR VALVES, DUAL GAUGE CHARGING AND TESTING MANIFOLD, LIQUID LEVEL GAUGES, LIQUID INDICATORS, MOISTURE-LIQUID INDICATORS, TUBE PIERCING AND LINE TAPPING VALVES, THREE-WAY VALVES, STEEL FITTINGS AND FLANGED UNIONS.

Stocked by Leading Wholesalers

Write for Literature

HENRY VALVE CO.

MELROSE PARK, ILL. (Chicago Suburb)

Cable: HEVALCO, MELROSE PARK, ILL.

Product Listings

All air conditioning, heating, and refrigeration equipment, as well as components, supplies, tools, and instruments used in the industry are listed in this section in alphabetic order under the most commonly used name. Manufacturers of each product are listed under the product heading. For convenience in locating a specific product listing, it is suggested that you use the Alphabetic Cross Index at the back of the Directory.

Abrasives

Armour Alliance Industries
Black & Decker Mfg. Co.
Ideal Industries, Inc.
Linde Co.
Raybestos-Manhattan, Inc.
United Mineral & Chemical Corp.
United States Rubber Co.
Wheelabrator Corp.

Accumulators

Bethlehem Steel Co., Inc.
Brazeway, Inc.
Frick Co.
Hi-Mill Mfg. Co.
Howe Ice Machine Co.
Kenmore Machine Products, Inc.
Phillips & Co., H. A.
Refrigeration Research, Inc.
Tube Form Control, Inc.
Tube Manifold Corp.
Vilter Mfg. Co.
Wabash Corp.
Watsco, Inc.

Adhesives

American Bitumuls & Asphalt Co.
Armour Alliance Industries
Armstrong Cork Co.
Arno Adhesive Tapes, Inc.
Auburn Mfg. Co.

(Continued)

The Original

SUCTION ACCUMULATOR

The Original Suction Accumulator by Refrigeration Research ends, once and for all time, compressor damage due to slugging in remote unit applications. Ideal for truck refrigeration, air conditioning, heat pump etc.

Installation in the suction line just before the compressor eliminates slugging and broken valves, pistons etc.

THE SUCTION ACCUMULATOR IS CONSTRUCTED SO THAT IT CAN NOT TRAP OIL. Also acts as a suction muffler to reduce noise. Hydrogen copper brazed all steel construction for maximum strength and cleanliness.

Available at Leading Wholesalers

REFRIGERATION RESEARCH
INCORPORATED
525 N. FIFTH STREET BRIGHTON, MICHIGAN
THE "ORIGINAL EQUIPMENT" PARTS MANUFACTURER SINCE 1944

See complete addresses in Alphabetic Section, page 25

HI-MILL Tubular Parts *for*

Refrigeration and Air Conditioning

There's no need to waste floor space and man power forming tube yourself when you can get a tube fabricating specialist to do the job for you. Chances are you will cut costs and step up quality if you let Hi-Mill take over the problem.

Accumulators, driers, accumulator-driers and strainers are quickly and economically produced by spinning lengths of tube. There are no assemblies to leak or cause trouble because the part is all one piece.

Tube Forming

to Your Specifications

Swaging, reducing, expanding, single and double flaring, beading, coiling (both plain tube and integral finned tube), brazing, welding, bending as well as pickling and bright dipping are all Hi-Mill specialties. Hi-Mill works in copper, brass, aluminum, steel and stainless steel.

Write Today!

HI-MILL *Manufacturing Co.*

1704 HIGHLAND ROAD • HIGHLAND, MICHIGAN

(Continued)

Borden Chemical Co., Coatings & Adhesives Dept.
Cain Mfg., Inc.
Capac Mfg. Corp.
Carey Mfg. Co., The Philip
Columbia Cement Co.
Cox & Co., Inc.
Duro-Dyne Corp.
Engelhard Industries, Inc.
Goodrich Industrial Products Co., B. F.
Goodyear Tire & Rubber Co.
Gummed Products Co.
Interchemical Corp., Finishes Div.
Johns-Manville
K & B Distributors & Mfg.
Minnesota Mining & Mfg. Co., Adhesives, Coatings & Sealers Div.
Miracle Adhesives Corp.
Moore, Inc., Goodloe E.
Mortell Co., J. W.
Mystik Adhesive Products, Inc.
Permacel
Presstite Div.
Raybestos-Manhattan, Inc.
Rubber & Asbestos Corp.
St. Clair Rubber Co.
Silvercote Products, Inc.
West Chester Chemical Co.
Witco Chemical Co., Inc., Pioneer Products Div.

Air Conditioners, Aircraft

Carrier Air Conditioning Co.
Chase Industries, Inc.
Garrett Corp.
Great Lakes Mfg. Corp.
Industrial Refrigeration Co., Inc.
Keco Industries, Inc.
Therm-Air Mfg. Co.
Trane Co.
United States Air Conditioning Corp.

Air Conditioners, Automobile

(T—Trunk Type; U—Underdash Type)

Airtemp Div. (U)
Capitol Refrigeration, Inc. (T, U)
Cartrol Corp. (T, U)
Clardy Automobile Air Conditioning Co. (T, U)
Climatic Air (T, U)
D & D Truck Refrigeration (U)
Eaton Mfg. Co., Heater Div. (U)
Forston Co. (T, U)
Frigikar Corp. (T, U)
Frigiquip Corp. (U)
Harrison Radiator Div. (U)
International Automotive Air Conditioning, Inc. (U)
Kauffman Air Conditioning Co. (T, U)
Kool Engineering Corp. (T, U)
Lindustries, Inc. (U)
McCord Corp. (T, U)
Mitchell Co., Inc., John E., Mark IV Div. (T, U)
Parkomat Sales Co., Inc. (T, U)
Tubenfin Coils (T, U)
Vornado Auto Air Conditioner Div. (U)

Air Conditioners, Bus

Capitol Refrigeration, Inc.
Carrier Air Conditioning Co.
Frigikar Corp.
Kauffman Air Conditioning Co.
McCord Corp.
Thermo King Corp.
Trane Co.
Transicold Corp.
Transportation Cooling Div.
Tubenfin Coils
Waukesha Motor Co.

WITCO CHEMICAL COMPANY, INC.
PIONEER PRODUCTS DIVISION

MANUFACTURERS OF HIGHEST QUALITY PRODUCTS FOR THE HEATING, AIR-CONDITIONING, AND REFRIGERATION INDUSTRIES

Sealers—Hot or Cold
Cork Insulation for Ducts
Metal Protectors
Sound Deadeners
Foam Insulation Adhesives
Drain Pan Insulation
WITCOLITE® Underground Pipe Insulation

OFFICES:
122 East 42nd Street
New York 17, New York
Tel: MUrray Hill 7-7979

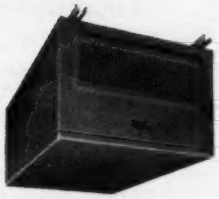
75 East Wacker Drive
Chicago 1, Illinois
Tel: Financial 6-2960

For specific product listings, see Alphabetic Cross Index at back of Directory

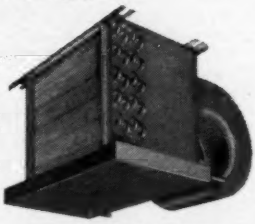
THERE'S A McQuay UNIT FOR.... every Heating, Ventilating and Air Conditioning need!

LARGE CAPACITY SEASONMAKERS

Remote type ceiling suspended units for medium to large areas. Hideaway model for fully recessed installation. Ceiling model for suspension in the conditioned space. Four direct drive and 5 belt driven models ranging from 800 to 3,000 cfm.



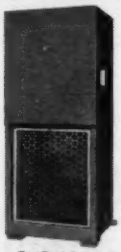
Ceiling Model



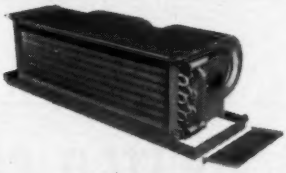
Hideaway Model

SEASONMAKERS

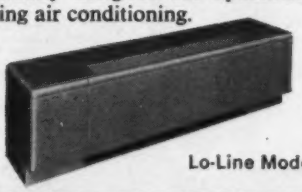
Remote type individual room air conditioners. Widest range of types and sizes in the industry. Thin-line model only 8½" deep. Lo-line model only 14½" high for low window height or glass wall construction. Seasonmaker Junior only 14" wide for installation between the studs. SVD model, with 2, 3, 4 and 5 ton nominal capacities, are specifically designed for apartment building air conditioning.



SVD Model



Hideaway Model



Lo-Line Model

Thin Line Floor Model

Seasonmaker Junior Model

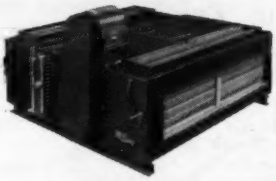
"HC" HEATING AND VENTILATING UNITS

The most flexible line available. Designed for horizontal, vertical, wall and inverted installations. For use with hot water or steam. Complete range of coil selections with capacities up to 48,000 cfm and 3,320,000 Btu/hr.

Horizontal Heating and Ventilating Unit

Vertical Heating and Ventilating Unit

"AB" Aircon



"AL" Aircon

REMOTE TYPE AIR COOLING CONDENSERS

Type "AB" propeller fan type available in vertical or horizontal air flow. Nominal capacities of 8 to 95 tons in 19 sizes. Type "AL" centrifugal fan type available for use with or without ductwork. Nominal capacity of 10 to 50 tons in seven sizes.

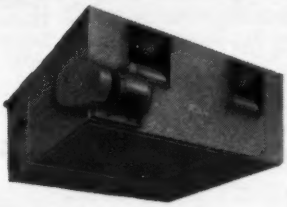
Horizontal Unit Heater

Downflow Unit Heater

Cabinet Unit Heater

UNIT HEATERS

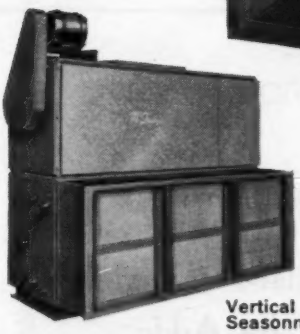
Horizontal, downflow and cabinet types for use with steam or hot water. Horizontal type from 17,700 to 360,000 Btu/hr. in 24 sizes. Downflow type from 25,400 to 610,000 Btu/hr. in 32 sizes. Five cabinet sizes from 20,800 to 108,000 Btu/hr.



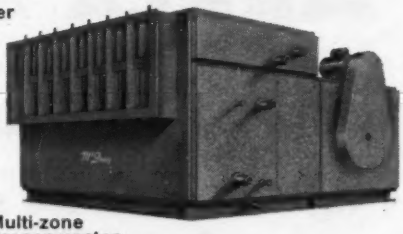
Horizontal Seasonmaster

SEASONMASTERS

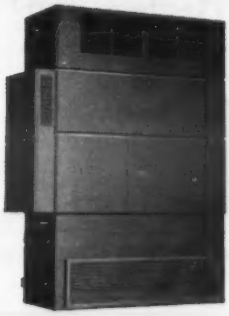
Central station air conditioning units ranging from 720 to 38,100 cfm and static pressure range from ½" to 5½" of H_2O in 13 sizes of single zone draw-thru and 11 sizes of multi-zone blow-thru models. A full coil and accessory line is available.



Vertical Seasonmaster



Multi-zone Seasonmaster



SEASONVENTS

Large capacity heating and ventilating units for school auditoriums, theatres and similar installations requiring extra quiet operation. Versatile Seasonvent has nine sizes for low static at 0" to 1¼" s.p. and seven sizes for high static applications at 1" to 2" s.p. Capacities from 1,250 to 15,000 cfm.

McQuay INC.

AIR CONDITIONING • HEATING • REFRIGERATION
1600 Broadway N. E., Minneapolis 13, Minnesota

See complete addresses in Alphabetic Section, page 25

Air Conditioners, Gas Operated

Arkla Air Conditioning Co.
Bryant Mfg. Co.
Comfort Products, Inc.
Day & Night Mfg. Co.
Dialatemp, Inc.
Eaton Mfg. Co., Heater Div.
Gascool Div.
Payne Co.
Ready-Power Co.
Statham-Swearingen, Inc.
York Div.

Air Conditioners, Mobile Home

Capitol Refrigeration, Inc.
Carrier Air Conditioning Co.
Coleman Co., Inc.
Gaffers & Sattler
International Oil Burner Co.
K & B Distributors & Mfg.
Kauffman Air Conditioning Co.
Motor Wheel Corp., Consumer Products Div.
Preway, Inc.
Trane Co.
Tubenfin Coils
Welbilt Corp.
Westinghouse Electric Corp., Air Conditioning Div.

Air Conditioners, Mobile, on Truck or Trailer

Addison Products Co.
American Astro-Systems, Inc.
Capitol Refrigeration, Inc.
Climatic Air
D & D Truck Refrigeration
Frigikar Corp.
Kauffman Air Conditioning Co.
Keco Industries, Inc.
Kysor Heater Co.
Mitchell Co., John E., Mark IV Div.
Ready-Power Co.
Therm-Air Mfg. Co.
Thermo King Corp.
Trane Co.
Tubenfin Coils
Vornado Auto Air Conditioner
Worthington Corp.
York Div.

Air Conditioners, Railway Car

Astro Products Corp.
Kauffman Air Conditioning Co.
Safety Electrical Equipment Corp.
Therm-Air Mfg. Co.
Thermo King Corp.
Trane Co.
Waukesha Motor Co.

Air Conditioners, Roof Top, Packaged

(C—Without Heating Unit; H—With Heating Unit)

Acme Industries, Inc. (C)
Air Conditioning Engineering Co. (C, H)
Air Conditioning, Inc. (C, H)
Airtemp Div. (C, H)
Albion Div. (C, H)
Alton Mfg. Co. (C, H)
Armstrong Furnace Co. (C)
Buffalo Forge Co. (H)
Carrier Air Conditioning Co. (C, H)
Comfort Products, Inc. (H)
Curtis Mfg. Co. (C, H)
Day & Night Mfg. Co. (H)
Dialatemp, Inc. (C, H)
Dunham-Bush, Inc. (C, H)
Heat Controller, Inc. (C)
Henry Furnace Co. (C)
Holly General Co. (C, H)
Hupp International Div. (C, H)

(Continued)

ARKLA AIR CONDITIONING CORP.

manufacturers of

GAS EQUIPMENT

- Arkla Water Chillers and Chiller-Heaters
- Gaslites, and Gasigns by Arkla
- Humphrey Unit Heaters and Duct Furnaces

ARKLA Sun Valley
ALL-YEAR AIR CONDITIONING

Sales Office: Shannon Building
Little Rock, Ark.

THE QUALITY LEADER IN CONDITIONING AIR

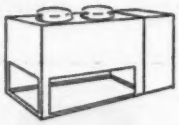
Comfort-Aire

AIR CONDITIONERS AND HEAT PUMPS

ROOM AIR CONDITIONERS

REMOTE CONDENSING UNITS

BLOWER COILS



COMMERCIAL AIR CONDITIONERS

"A" COILS

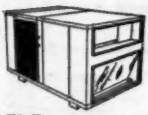
The Complete Comfort-Aire line provides one dependable source for quality Air Conditioners and Heat Pumps.

Remote Condensing Units from 2 H.P. to 20 H.P. Remote Heat Pumps from 3 H.P. to 10 H.P.

Self Contained Package Air Conditioners and Heat Pumps in 2, 3, 4, and 5 H.P. with matching Electric Duct Heaters. You'll like the merchandising program designed to help you sell.

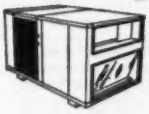
WRITE TODAY TO:

HEAT CONTROLLER, INC.
1900 WELLWORTH AVE.
JACKSON, MICHIGAN

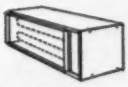


SELF CONTAINED PACKAGE

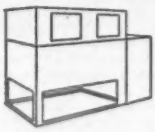
REMOTE HEAT PUMPS



PACKAGED HEAT PUMPS



ELEC. DUCT HEATERS



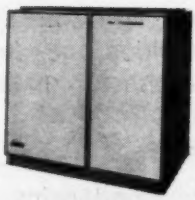
COMMERCIAL HEAT PUMPS

Here's the BIG heating and air conditioning line

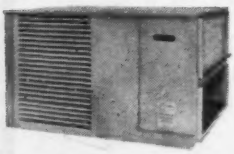
Mueller Climatrol
DIVISION OF WORTHINGTON

Products that Work for Your Profit

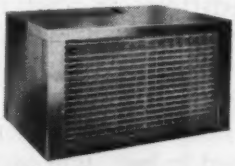
Upgrade your prospects and profits with these top-quality units



TOTAL-COMFORT HEATING UNITS
Highboy gas or lowboy gas and oil models. Exclusive features include Endural* silicon-coated heat exchanger on gas models for greater protection against high-heat corrosion. Volumaire* Blowers, Airlock* construction, cast iron gas burners for ultimate in quiet, efficient operation. Optional features: (A) Levelizer* gas valve that senses temperature changes as slight as 1/10th degree — instantly modulates amount of gas flowing to burner. (gas models) (B) Charcoal filter for odor removal or (C) built-in electronic filter. (lowboys) Complete range of sizes.

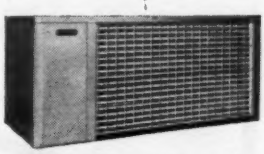


PACKAGE AIR CONDITIONERS
Combination humidity-control summer air conditioner positively controls humidity and temperature 24 hours a day: During warm, humid weather — provides 2-hp. cooling and dehumidifies (5½ pts. per hr.). During very hot, humid weather — provides 4-hp. cooling and dehumidifies (11½ pts. per hr.). During mild or cool, but humid, weather — dehumidifies only (6 pts. per hr.). Conventional package air conditioners also available, in 2-, 3-, and 4-ton (Nom.) capacities. A



AIR-COOLED CONDENSING UNITS
For outside installation. Vertical top discharge. Feature extra-size coil surface, with large-capacity centrifugal blower for maximum comfort at slower operating speeds. Result: more quiet, longer life, operating economies. A

*Trademark.
**Models available designed for addition of summer cooling with no blower or motor change necessary.
Gas and oil conversion burners available in complete range of sizes.
A Unitary air conditioners comply with A.R.I. standards.



REMOTE CONDENSING UNITS
Water or air-cooled. 3-, 4-, and 5-ton nominal sizes. Efficient operation even at high ambient temperatures. Weatherproof propo-resin-phenol finish inside and out. Complies with ARI. A

PACKAGE HEAT PUMPS
Air-to-air heat pump completely factory-assembled with refrigerant system hermetically sealed, pre-wired, pre-charged, and tested.

SECTIONAL GAS HEATING UNITS
Upflow, counterflow, and lowboy gas models. Completely assembled with burner and controls in place, pre-wired and test-fired before shipment. **

GAS OR OIL BOILERS
Wide range of steam and hot-water sizes for residential, commercial, and industrial applications. Package and non-assembled models. Residential fan coil units available.

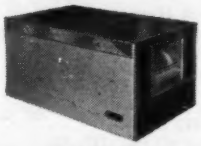
Ask your Mueller Climatrol representative for further information, or write today.

COOLING COIL PACKAGES

For installation with Mueller Climatrol remote air-cooled condensing units.

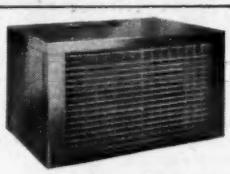
YEAR-'ROUND AIR CONDITIONING COMBINATIONS

Lowboy winter air conditioner in larger sizes combined with cooling-coil module. Bypass damper allows control of dehumidification.



BLOWER-COIL SUMMER AIR CONDITIONERS

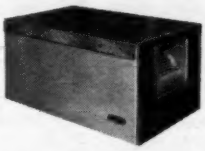
Designed for use with remote air- or water-cooled condensing units, and as an upflow, counterflow, or horizontal. May be utilized as a year-'round forced filtered-air system with addition of optional electric-heating package. A



HEAT PUMP REMOTE CONDENSING UNITS

An outdoor unit for use with Mueller Climatrol coil-blower unit. Weather resistant.

Supplementary Electric Heat Package, for use with heat pumps shown here, also available.

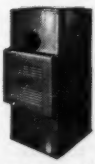


HEAT PUMP COIL-BLOWER UNITS

Indoor air-handling unit for use with Mueller Climatrol remote condensing unit. For residential or commercial heating and cooling. Use as upflow, counterflow, or horizontal to either side.

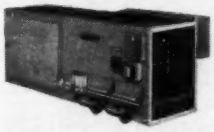
ELECTRIC FURNACES

Air circulation unit which may be installed as upflow, counterflow, or horizontal to either side . . . with or without ductwork . . . in residential or commercial installations. U.L. Listed.



OIL HEATING UNITS

Oil-fired drum and radiator style. Upflow or downflow types. Enclosed burner and controls. Fired by pressure-atomizing burner. ✻✻



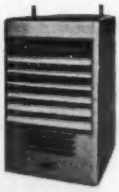
HORIZONTAL HEATING UNITS

Gas or oil models for crawl space, attic, suspended, or use as unit heater. Reversible blower compartment (gas models).

Gas Duct Heater — Same as above, but without blower. Provides add-on heating for air-conditioning or ventilating systems. ✻✻

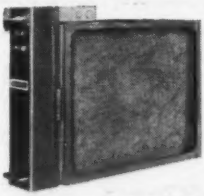
RECESSED WALL HEATERS

Gravity type, specifically designed for installation in closets or corner of centrally-located room. Two sizes: 35,000 and 50,000 BTU input. A.G.A. approved for all gases and zero clearance on four sides. Optional centrifugal blower kit available.



GAS SUSPENDED UNIT HEATERS

Featuring Resistal® aluminized steel heat exchanger. Shipped assembled, pre-wired, and test-fired. Cast-iron, drilled-port burners. High- or low-voltage controls.



ELECTRONIC AIR CLEANER

Removes up to 97% of all dust, dirt, and pollen from the air. Installed quickly and easily. Good "bonus profit" item.

ELECTRIC HUMIDIFIER

Built-in heating element gives positive evaporation, up to 28 qts. per day. Installed in plenum, supply, or return duct of any ducted system. Humidistat control optional.

MUELLER CLIMATROL

2077 W. Oklahoma Ave., Milwaukee 1, Wis.
1024 Westminster Ave., Alhambra, Calif.
2490 Bloor St., West Toronto 9, Ont.

See complete addresses in Alphabetic Section, page 25

(Continued)

Janitrol Heating & Air Conditioning Div. (C, H)
King Co. (H)
Lennox Industries, Inc. (C, H)
Mammoth Industries, Inc. (C, H)
Marlo Coil Co. (C, H)
Melchior, Armstrong, Dessau, Inc. (C, H)
Meyer Furnace Co. (H)
Mueller Climatrol (C, H)
Olsen Mfg. Co., C. A. (C)
Patten Co., J. V. (C, H)
Republic Air Conditioning Co. (C, H)
Round Oak Div. (H)
Supreme-Aire Mfg. Co., Inc. (C, H)
Texas Products Mfg. Co. (C, H)
Therm-Air Mfg. Co. (C, H)
Typhoon Air Conditioning Div. (H)
United States Air Conditioning Corp. (H)
Welbilt Air Conditioning & Heating Corp. (C, H)
Western Supply Co., Mfg. Div. (C, H)
Westinghouse Electric Corp., Air Conditioning Div. (C, H)
Worthington Corp. (H)
Wright Mfg. Co. (C, H)
York Div. (C, H)

Air Conditioners, Room

(CA—Casement; C—Console; P—Portable; R—Regular Window; T—Thru-the-Wall)

Addison Products Co. (CA, C, P, R, T)
Admiral Corp. (P, R, T)
Airtemp Div. (CA, R, T)
Albion Div. (CA, R, T)
Amana Refrigeration, Inc. (CA, R, T)
American-Standard Industrial Div. (T)
American-Standard, Plumbing & Heating Div. (C, T)
Bar-Brook Mfg. Co. (T)
Blissfield Mfg. Co. (T)
Carrier Air Conditioning Co. (C, P, R, T)
Century Engineering Corp. (C, T)
Curtis Mfg. Co. (C)
DuMont Emerson Corp. (CA, P, R, T)
Eaton Mfg. Co., Heater Div. (T)
Emerson Electric Mfg. Co. (T)
Fedders Corp. (CA, P, R, T)
Friedrich Refrigerators, Inc. (T)
Frigidaire Div. (R, T)
General Electric Co., Air Conditioning Dept., Major Appliance Div. (P, R, T)
Gibson Refrigerator Sales Corp. (CA, C, P, R, T)
Heat Controller, Inc. (C, P, R, T)
Hotpoint Div. (R)
Hupp International Div. (P, R, T)
I. W. Air Conditioning Corp. (P, T)
K & B Distributors & Mfg. (CA, P, R, T)
Kauffman Air Conditioning Co. (CA, C, R, T)
Keith Furnace Co.
Kelvinator Div. (P, R, T)
King Refrigerator Corp. (T)
Modine Mfg. Co. (C, T)
Motor Wheel Corp., Consumer Products Div. (T)
Patten Co., J. V. (T)
Perfection Div. (T)
Philco Corp. (CA, C, P, R)
Remington Corp. (C, R, T)
Republic Air Conditioning Co. (C, R, T)
Rybolt Heater Co. (T)
S & S Products, Inc. (R)
Typhoon Air Conditioning Div. (T)
Webster & Co., Inc., Warren (T)
Welbilt Corp. (CA, P, R, T)
Western Supply Co., Mfg. Div. (T)
Westinghouse Electric Corp., Major Appliance Div. (R, T)
Whirlpool Corp. (CA, R, T)
Whitehall Engineering Co. (P)
York Div. (C, R, T)
Young Radiator Co.

Air Conditioners, Self-Contained, Under 5 Hp.

(A—Air-Cooled; W—Water-Cooled)

Acme Industries, Inc. (A, W)
Addison Products Co. (A)
Airtemp Div. (A, W)
Albion Div. (A)
Amana Refrigeration, Inc. (A)
American Astro-Systems, Inc.
American Furnace Co. (A)
American-Standard, Air Conditioning Div. (A)
Arkla Air Conditioning Co. (W)
Armstrong Furnace Co. (A)
Astro Products Corp. (A, W)
Bar-Brook Mfg. Co., Inc. (A)
Bard Mfg. Co. (A)
Barkow Mfg. Co., Inc., Aug. G. (A, W)
Bevco Co., Inc. (A)
Brown Products Corp., A. (A, W)
Bryant Mfg. Co. (A)
Burnham Corp., Warm Air & Cooling Div. (A)
Carrier Air Conditioning Co. (A, W)

(Continued)

Westernaire
IS UNFAIR TO
OTHER MANUFACTURERS

We build private brand air conditioning and refrigeration equipment for several hundred accounts, better and at less cost than they can do it for themselves.
"Why don't you get the whole story?"

WESTERN SUPPLY CO.
Contract Manufacturing Div.
315 West Third Box 784
HUTCHINSON, KANSAS

WHO PUT 365 DAYS A YEAR INTO THE AIR CONDITIONER SELLING SEASON?

GIBSON DID!

Over 5,000 Dealers saw a new approach to Air Conditioner selling at Gibson's convention in Panama. They saw a positive program — a complete line with exclusive sales features (such as top selling Air Sweep). A powerful promotion plan geared to help you sell. A realistic pricing schedule that insures you a profit!

The entire program turns Air Conditioner selling into a year around business.

You can get the same program from your Gibson Distributor salesman!

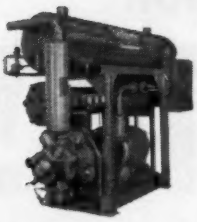
Hawaii calls... return with Gibson

Gibson Refrigerator Sales Corporation, Greenville, Michigan, Subsidiary of HUPP Corporation

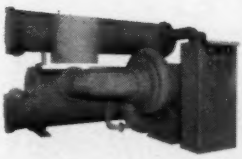
For specific product listings, see Alphabetic Cross Index at back of Directory

Climate by Chrysler

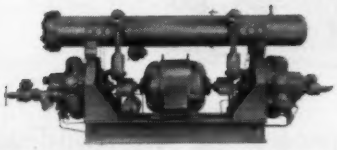
CENTRAL STATION EQUIPMENT



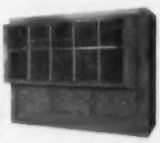
Packaged Water Chillers. Factory-assembled, piped, pressure tested. From 15 to 125 hp, using Refrigerant 22; and 10 to 75 hp, using Refrigerant 12.



Centrifugal Water Chillers. Complete system with 2-stage compressor, evaporator, condenser, piping, and purger. Capacities from 100 to 800 tons.



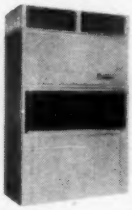
Radial Compressors and Condensing Units. Compressors are direct-driven, with forced-feed lubrication. Automatic capacity reduction. Lightweight, economical to operate. For use with Refrigerant 12 or 22. From 10 to 125 hp.



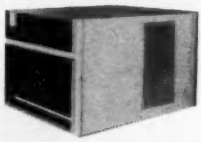
Central System Packaged Air Conditioners. With Chrysler Radial compressor. Air-cooled or water-cooled. Capacities from 25 to 40 tons.

Fan Coil Units. For year-round cooling and heating by connecting to central chilled and hot water systems. Three types: floor, wall, and ceiling. Built-in controls for individual operation.

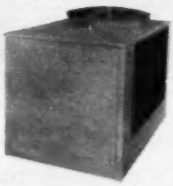
PACKAGED AIR CONDITIONERS



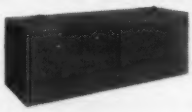
Air-Cooled or Water-Cooled. All-in-one units, factory-tested, easily installed. Heating coils available. Sealed compressor, Maxi-Fin cooling coils, electronic safety controls. From 40,000 to 420,000 BTUH.



Air-Cooled Packages. For residential or commercial applications. Can be installed in attic, basement, crawl space, on roof, or through wall. Capacities of 26,000 and 35,000 BTUH.



Air-Cooled Condensing Units. Ideal for home or commercial use. Can be installed outside. 5 capacities, from 22,000 to 166,000 BTUH.



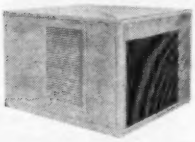
Water-Cooled Condensing Units. Factory wired and assembled. Sealed compressors. In capacities from 93,000 to 420,000 BTUH.

Evaporator Blower Units. Horizontal or vertical models, to match Chrysler air-cooled or water-cooled condensing units. From 900 to 16,000 CFM.

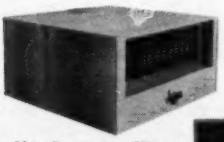
Air-Cooled Remote Condensers. 4 models. May be used with evaporative blower units with nominal ratings of from 5 to 30 tons.

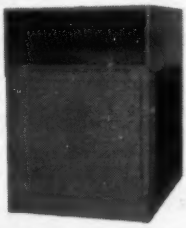
THE RIGHT UNIT FOR EVERY AIR CONDITIONING NEED

HEAT PUMPS



Packaged Heat Pumps. Three models. Cooling capacities of 26,000 or 33,000 BTUH; heating capacities of 26,000 or 34,000 BTUH. Supplemental electric heaters available.



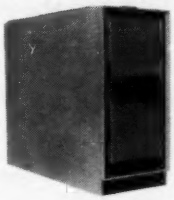


Split System Heat Pumps. Two models. Cooling capacities of 33,000 or 58,500 BTUH; heating capacities of 32,000 or 51,000 BTUH. Supplemental electric heaters available.

YEAR-ROUND SYSTEMS

Ideal residential system features Chrysler's new snap-in cooling. Factory charged and tested. No on-site refrigeration work. Cooling capacity of 35,000 BTUH. New Lo Hi-Boy Gas Furnaces. In capacities from 80,000 to 150,000 BTUH input.

RESIDENTIAL HEATING



Gas-Fired Automatic Furnaces. Contour Flame burner never clogs, never needs cleaning. Lo-Boy, Lo Hi-Boy, Horizontal and Counterflow models. AGA and SUR approved. From 50,000 to 200,000 BTUH input.

Oil-Fired Automatic Furnaces. New anti-drip nozzle, Lo-Boy, Lo Hi-Boy, Horizontal and Counterflow models. UL approved. From 65,000 to 250,000 BTUH output.

ELECTRONIC AIR PURIFIER

Removes dust, lint, germs, pollen, smoke. Fits all Chrysler furnaces, and most other forced warm-air systems. UL approved. Two sizes, maximum capacities of 1200 and 2000 CFM.

CHRYSLER

AIRTEMP

A Division of Chrysler Corporation

For complete technical information or assistance, write: Department B-2, Dayton 4, Ohio

See complete addresses in Alphabetic Section, page 25

(Continued)

Century Engineering Corp. (A)
Chattanooga Royal Co. (A)
Coleman Co., Inc. (A)
Columbia Specialty Co., Inc. (A)
Crane Co., Plumbing, Heating & Air Conditioning Group (A, W)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (A)
Curtis Mfg. Co. (A, W)
Custom-Aire Products Div. (A)
Day & Night Mfg. Co. (A)
Delco Appliance Div. (A)
Emerson Electric Mfg. Co. (A)
Fedders Corp. (A, W)
Forston Co. (A)
Gaffers & Sattler (A)
Garrett Corp. (A)
General Electric Co., Air Conditioning Dept., Major Appliance Div. (A)
Gibson Refrigerator Sales Corp.
Global Air Conditioning (A)
Great Lakes Mfg. Corp. (A, W)
Green Colonial, Inc. (A, W)
Hall-Neal Furnace Co. (A)
Hastings Air Conditioning Co., Inc. (W)
Hastings Air Control, Inc. (W)
Heat Controller, Inc. (A)
Heat Exchangers, Inc. (W)
Heil-Quaker Corp. (A)
Henry Furnace Co. (A, W)
Holly-General Co. (A)
Hupp International Div. (A, W)
International Heater Co. (A)
International Metal Products Div. (A)
Iron Fireman Mfg. Co. (A)
Janitrol Heating & Air Conditioning Div. (A)
K & B Distributors & Mfg. (A)
Kauffman Air Conditioning Co. (A, W)
Keith Furnace Co. (A, W)
Lennox Industries, Inc. (A)
Majestic Co., Inc. (A)
Mayflower Air Conditioners, Inc. (A)
McMillan Heat Pumps, Inc. (A, W)
Meyer Furnace Co. (A, W)
Modine Mfg. Co. (A)
Morrison Steel Products, Inc. (A)
Mueller Climatrol (A)
Muncie Gear Works, Inc. (A)
Murray Hill Manufacturers, Inc. (W)
Niagara Furnace Div. (A)
Olsen Mfg. Co., C. A. (A, W)
Parks-Cramer Co. (A, W)
Patten Co., J. V. (A)
Payne Co. (A)
Peerless Products Co., Bonair Div. (A)
Perfection Div. (A)
Republic Air Conditioning Co. (A)
Revco, Inc. (A)
Rheem Mfg. Co. (A)
Roberts-Gordon Appliance Corp. (A)
Rybolt Heater Co. (A, W)
Silco Products, Inc. (A, W)
Silent Automatic Products (A)
Southwest Mfg. Co. (A)
Supreme-Aire Mfg. Co. (A)
Temco, Inc. (A)
Tempromatic Corp. (W)
Texas Products Mfg. Co. (A)
Thatcher Furnace Co. (A)
Therm-Air Mfg. Co. (A, W)
Thermador Electrical Mfg. Co. (A)
Thermo-Electronics, Inc. (A)
Thermo-Products, Inc. (A)
Trane Co. (A, W)
Transicold Corp. (A)
XXth Century Heating & Ventilating Co. (A)
Typhoon Air Conditioning Div. (A, W)
United States Air Conditioning Corp. (A, W)
Vikimatic, Inc. (A, W)
Waterman-Waterbury Co. (A)
Webster & Co., Inc., Warren (A)
Welbilt Air Conditioning & Heating Corp. (A, W)
Western Supply Co., Mfg. Div. (A, W)
Westinghouse Electric Corp., Air Conditioning Div. (A, W)
Williamson Co. (A)
Worthington Corp. (A, W)
York Div. (A, W)

Air Conditioners, Self-Contained, 5 Hp.-15 Hp.

(A—Air-Cooled; W—Water-Cooled)

Acme Industries, Inc. (A, W)
Air Conditioning Engineering Co. (A)
Airtemp Div. (A, W)
Alton Mfg. Co. (A, W)
American Astro-Systems, Inc.
American-Standard, Air Conditioning Div. (A, W)
American-Standard Industrial Div. (A W)
Arkla Air Conditioning Co. (W)
Astro Products Corp. (A, W)
Barkow Mfg. Co., Inc., Aug. G. (A, W)
Brown Products Corp., A. (A)
Burnham Corp., Warm Air & Cooling Div. (A)
Carrier Air Conditioning Co. (A, W)
Climatic Air (A)
Crane Co., Plumbing, Heating & Air Conditioning Group (A, W)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning Div. (A, W)
Curtis Mfg. Co. (A, W)
Delco Appliance Div. (A)
Dialatemp, Inc. (A, W)
Drying Systems Co. (A)
Dunham-Bush, Inc. (A, W)
Forston Co. (A)
Gaffers & Sattler (A)
Garrett Corp. (A)
Global Air Conditioning (A)
Governair Corp. (A, W)
Great Lakes Mfg. Corp. (A, W)
Hastings Air Conditioning Co., Inc. (W)
Heat Controller, Inc. (A)
Henry Furnace Co. (W)
Holly-General Co. (A)
Hupp International Div. (A, W)
International Metal Products Div. (A)
Iron Fireman Mfg. Co. (A)
K & B Distributors & Mfg. (A)
Mammoth Industries, Inc. (A)
McMillan Heat Pumps, Inc. (A, W)
Melchior, Armstrong, Dessau, Inc. (A)
Meyer Furnace Co. (A, W)
Mueller Climatrol (A)
Murray Hill Manufacturers, Inc. (W)
Olsen Mfg. Co., C. A. (W)
Parks-Cramer Co. (A, W)
Peerless Products Co., Bonair Div. (A)
Perfection Div. (A)
Republic Air Conditioning Co. (A)
Roberts-Gordon Appliance Corp. (A)
Rybolt Heater Co. (A, W)
Silco Products, Inc. (A, W)
Silent Automatic Products (A)
Supreme-Aire Mfg. Co. (A)
Tempromatic Corp. (W)
Texas Products Mfg. Co. (A)
Thatcher Furnace Co. (A)
Therm-Air Mfg. Co. (A, W)
Thermador Electrical Mfg. Co. (A)
Thermo-Electronics, Inc.
Thermo-Products, Inc. (A)
Trane Co. (A, W)
Transicold Corp. (A)
Typhoon Air Conditioning Div. (A, W)
United States Air Conditioning Corp. (A, W)

(Continued)

CURTIS MANUFACTURING COMPANY

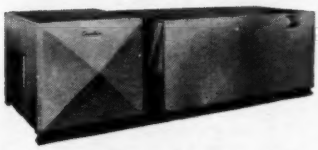
REFRIGERATION DIVISION

St. Louis 33, Missouri, U. S. A. ● New York Office 30 Versey Street

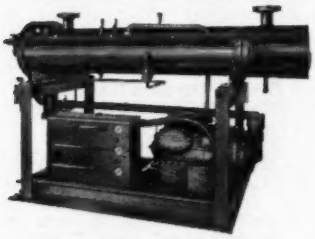
Curtis

the complete line of

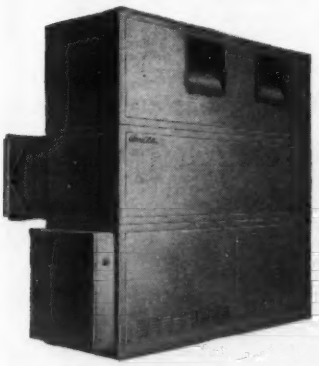
AIR CONDITIONING AND REFRIGERATION EQUIPMENT



Roof Top Units. Air cooled. Cooling and/or heating 7½ and 10 Tons.



7½ to 125 Ton Packaged Liquid Chillers.



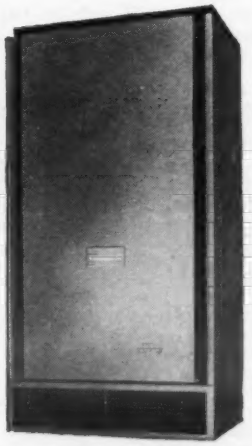
25 - 30 - 40 - 50 - 60 Ton Packaged Central Station Air Conditioners.

INDUSTRIAL
COMMERCIAL
RESIDENTIAL

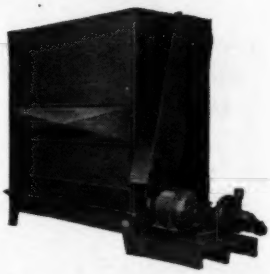
Both packaged liquid chillers and large packaged air conditioners are available with single or dual compressors arranged for two circuit operation.

Both can be supplied with either semi-hermetic, direct drive or open type compressors.

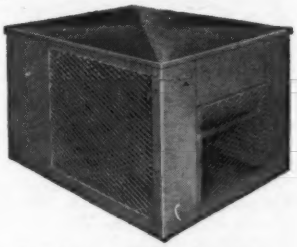
Water cooled condensing units through 100 Tons, inclusive, open or semi-hermetic compressors.



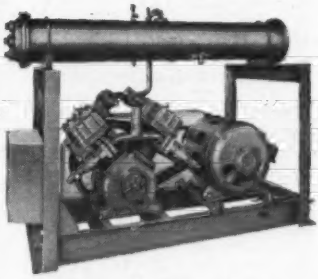
3 - 5 - 7½ - 10 - 15 and 20 Ton Packaged Type Air Conditioners.



Evaporative Condensers Cooling Towers, Air Handling Units 3 to 100 Tons.



Air Cooled Condensing Units 3 - 5 - 7½ - 10 Tons.



Shell and Tube Condensing Units or Compressor Units from 7½ to 100 Tons. Open or semi-hermetic compressors.

. . . . Look To The Future With Curtis . . . .

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Ventil-Aire Corp.
Vikimatic, Inc. (A, W)
Waterman-Waterbury Co. (A)
Welbilt Air Conditioning & Heating Corp. (A, W)
Western Supply Co., Mfg. Div. (A, W)
Westinghouse Electric Corp., Air Conditioning Div. (A, W)
Worthington Corp. (A, W)
Wright Mfg. Co. (A)
York Div. (A, W)

Air Conditioners, Self-Contained, Over 15 Hp.

(A—Air-Cooled; W—Water-Cooled)

Acme Industries, Inc. (A, W)
Airtemp Div. (A, W)
Alton Mfg. Co. (A, W)
American Astro-Systems, Inc.
American-Standard, Air Conditioning Div. (W)
American-Standard Industrial Div.
Astro Products Corp. (A, W)
Blazer Corp. (A, W)
Carrier Air Conditioning Co. (A, W)
Crane Co., Plumbing, Heating & Air Conditioning Group (A, W)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (A, W)
Curtis Mfg. Co. (A, W)
Dialatemp, Inc.
Drying Systems Co. (A)
Dunham-Bush, Inc. (A, W)
Forston Co. (A)
Garrett Corp. (A)
Governair Corp. (A, W)
Hupp International Div. (A, W)
Mammoth Industries, Inc. (A)
Marlo Coil Co. (A, W)
McMillan Heat Pumps, Inc. (A, W)
Melchior, Armstrong, Dessau, Inc. (A)
Meyer Furnace Co. (A, W)
Silco Products, Inc. (A, W)
Tempromatic Corp. (W)
Temtrol, Inc. (A, W)
Therm-Air Mfg. Co. (A, W)
Thermador Electrical Mfg. Co. (A)
Thermal Engineering Corp. (A, W)
Trane Co. (A, W)
Typhoon Air Conditioning Div. (A, W)
United States Air Conditioning Corp. (A, W)
Ventil-Aire Corp. (A)
Vikimatic, Inc. (A, W)
Welbilt Air Conditioning & Heating Corp. (A, W)
Westinghouse Electric Corp., Air Conditioning Div. (A, W)
Worthington Corp. (A, W)
York Div. (A, W)

Air Conditioners, Split System, Under 5 Hp.

(A—Air-Cooled; W—Water-Cooled)

Addison Products Co. (A)
Air Conditioning Engineering Co. (A)
Airtemp Div. (A, W)
Albion Div. (A)
Amana Refrigeration, Inc. (A)
American Furnace Co. (A)
American-Standard, Air Conditioning Div. (A)
Armstrong Furnace Co. (A)
Astro Products Corp. (A)
Bar-Brook Mfg. Co., Inc. (A)
Bard Mfg. Co. (A)
Barkow Mfg. Co., Inc., Aug. G. (A)
Bevco Co., Inc. (A)
Blissfield Mfg. Co. (A)
Brown Products Corp., A. (A)
Bryant Mfg. Co. (A)
Burnham Corp., Warm Air & Cooling Div. (A)
Carrier Air Conditioning Co. (A, W)
Century Engineering Corp. (A)
Chattanooga Royal Co. (A)
Clarage Fan Co.
Cobell Industries, Inc. (A, W)
Coleman Co., Inc. (A)
Columbia Specialty Co., Inc. (A)
Crane Co., Plumbing-Heating-Air Conditioning Group (A, W)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (A)
Custom-Aire Products Div. (A)
Day & Night Mfg. Co. (A)
Delco Appliance Div. (A)
Dunham-Bush, Inc. (A, W)
Fedders Corp. (A)
Folsom Co., Inc. (A)
Forston Co. (A)
Gaffers & Sattler (A)
Gascool Div. (A, W)
General Electric Co., Air Conditioning Dept., Major Appliance Div. (A)
Global Air Conditioning Div. (A)
Green Colonial, Inc. (A)
Hall-Neal Furnace Co. (A)
Heat Controller, Inc. (A)
Heil-Quaker Corp. (A)
Henry Furnace Co. (A)
Holly-General Co. (A)
Hupp International Div. (A, W)
International Heater Co. (A)
International Metal Products Div. (A)
International Oil Burner Co. (A)
Iron Fireman Mfg. Co. (A)
Janitrol Heating & Air Conditioning Div. (A)
Johnson Furnace Co. (A)
K & B Distributors & Mfg. (A, W)
Kauffman Air Conditioning Co. (A, W)
Kramer Trenton Co. (A, W)
Kysor Heater Co. (A)
Lennox Industries, Inc. (A)
Lincoln Air Control Products, Inc. (A)
Majestic Co., Inc. (A)
Mayflower Air Conditioners, Inc. (A)
McMillan Heat Pumps, Inc. (A, W)
McQuay, Inc. (W)
Meyer Furnace Co. (A, W)
Morrison Steel Products, Inc. (A)
Mueller Climatrol (A)
Muncie Gear Works, Inc. (A)
Murray Hill Manufacturers, Inc. (W)
National Thermatic Corp. (A)
Nesbitt, Inc., John J. (W)
Niagara Furnace Div. (A)
Olsen Mfg. Co., C. A. (A)
Patten Co., J. V. (A)
Payne Co. (A)
Peerless Corp. (A)
Perfection Div. (A)
Republic Air Conditioning Co. (A)
Revco, Inc. (A)
Rheem Mfg. Co. (A)
Roberts-Gordon Appliance Corp. (A)
Round Oak Div. (A)
Rybolt Heater Co. (A, W)
Sequoia Mfg. Co. (A)
Silco Products, Inc. (A, W)
Silent Automatic Products (A)
Southwest Mfg. Co. (A)
Stewart-Warner Corp., Heating & Air Conditioning Div. (A)
Supreme-Aire Mfg. Co. (A)
Tempromatic Corp. (A, W)
Texas Products Mfg. Co. (A)
Thatcher Furnace Co. (A)
Therm-Air Mfg. Co. (A, W)
Thermador Electrical Mfg. Co. (A)
Thermo-Electronics, Inc. (A)
Thermo-Products, Inc. (A)

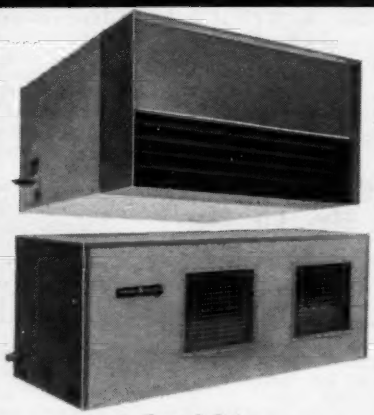
(Continued)

AIR CONDITIONERS

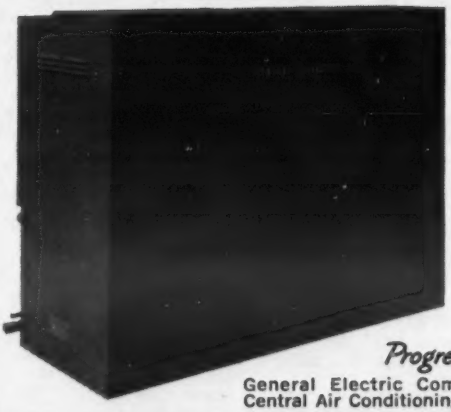
For Every Residential and Commercial Requirement

Self-Contained units are compact, factory-sealed, air-cooled. Install in attic, crawl space, cellar or hallway. On roof, slab or through transom wall. Remote Outdoor Sections are air-cooled, weatherproofed. May be placed on roof, in attic or cellar, on outdoor slab or shelf. Use with G-E Cooling Coils or Air Handling Units. General Electric also manufactures a complete line of gas and oil fired warm air furnaces. BTUH input 60,000 to 210,000.

2, 2½ and 3 ton
Self-Contained and Split System Air Conditioners and Weathertron® Heat Pumps.



4, 5 and 6 ton
Self-Contained and Split System Air Conditioners and Weathertron Heat Pumps.



8 and 10 ton
Split-System Air Conditioners and Weathertron Heat Pumps.

GENERAL ELECTRIC

Progress Is Our Most Important Product

General Electric Company, Air Conditioning Department, Central Air Conditioning Section, Troup Highway, Tyler, Texas.

See complete addresses in Alphabetic Section, page 25

(Continued)

Trane Co. (A, W)
Transicold Corp. (A)
XXth Century Heating & Ventilating Co. (A)
Typhoon Air Conditioning Div. (A, W)
United States Air Conditioning Corp. (A, W)
Vikimatic, Inc. (A, W)
Waterman-Waterbury Co. (A)
Welbilt Air Conditioning & Heating Corp. (A, W)
Western Supply Co., Mfg. Div. (A, W)
Westinghouse Electric Corp., Air Conditioning Div. (A)
Williamson Co. (A)
Worthington Corp. (A, W)
Wright Mfg. Co. (A)
York Div. (A, W)
Zink Co., John (A)

Air Conditioners, Split System, 5 Hp.-15 Hp.

(A—Air-Cooled; W—Water-Cooled)

Addison Products Co. (A)
Air Conditioning Engineering Co. (A)
Airtemp Div. (A, W)
Albion Div. (A)
American Furnace Co. (A)
American-Standard, Air Conditioning Div. (A)
American-Standard Industrial Div. (A, W)
Armstrong Furnace Co. (A)
Astro Products Corp. (A)
Bar-Brook Mfg. Co. (A)
Bard Mfg. Co. (A)
Barkow Mfg. Co., Inc., Aug. G. (A, W)
Brown Products Corp., A. (A)
Bryant Mfg. Co. (A)
Burnham Corp., Warm Air & Cooling Div. (A)
Carrier Air Conditioning Co. (A, W)
Clarage Fan Co.
Cobell Industries, Inc. (A, W)
Coleman Co., Inc. (A)
Crane Co., Plumbing-Heating-Air Conditioning Group (A, W)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (A)
Curtis Mfg. Co. (A, W)
Custom-Aire Products Div. (A)
Day & Night Mfg. Co. (A)
Delco Appliance Div. (A)
Drying Systems Co. (A)
Dunham-Bush, Inc. (A, W)
Folsom Co., Inc. (A)
Forston Co. (A)
Friedrich Refrigerators, Inc. (A)
Gaffers & Sattler (A)
Garrett Corp. (A)
Gascool Div. (A, W)
General Electric Co., Air Conditioning Dept., Major Appliance Div. (A)
Global Air Conditioning Div. (A)
Hall-Neal Furnace Co. (A)
Heat Controller, Inc. (A)
Heat-X, Inc. (A)
Henry Furnace Co. (A)
Holly-General Co. (A)
Hupp International Div. (A, W)
International Heater Co. (A)
International Metal Products Div. (A)
Iron Fireman Mfg. Co. (A)
Janitrol Heating & Air Conditioning Div. (A)
Johnson Furnace Co. (A)
K & B Distributors & Mfg. (A, W)
Kramer Trenton Co. (A, W)
Lennox Industries, Inc. (A)
Lincoln Air Control Products, Inc. (A)
Lintern Corp. (A, W)
Mammoth Industries, Inc. (A)
Mayflower Air-Conditioners, Inc. (A)
McMillan Heat Pumps, Inc. (A, W)
McQuay, Inc. (W)
Meyer Furnace Co. (A, W)
Mueller Climatrol (A, W)
Murray Hill Manufacturers, Inc. (W)
National Thermatic Corp. (A)
Nesbitt, Inc., John J. (W)
Olsen Mfg. Co., C. A. (A)
Parks-Cramer Co. (W)
Patten Co., J. V. (A)
Peerless Corp. (A)
Peerless Products Co., Bonair Div. (A)
Perfection Div. (A)
Republic Air Conditioning Co. (A)
Rheem Mfg. Co. (A)
Roberts-Gordon Appliance Corp. (A, W)
Round Oak Div. (A)
Rybolt Heater Co. (A)
Sequoia Mfg. Co. (A)
Silco Products, Inc. (A, W)
Silent Automatic Products (A)
Southwest Mfg. Co. (A)
Stewart-Warner Corp., Heating & Air Conditioning Div. (A)
Supreme-Aire Mfg. Co. (A)
Tempromatic Corp. (A, W)
Texas Products Mfg. Co. (A)
Thatcher Furnace Co. (A)
Therm-Air Mfg. Co. (A, W)
Thermador Electrical Mfg. Co. (A)
Thermo-Electronics, Inc.
Thermo-Products, Inc. (A)
Trane Co. (A, W)
XXth Century Heating & Ventilating Co. (A)
Typhoon Air Conditioning Div. (A, W)
United States Air Conditioning Corp. (A, W)
Ventil-Aire Corp. (A)
Vikimatic, Inc. (A, W)
Waterman-Waterbury Co. (A)
Welbilt Air Conditioning & Heating Corp. (A)
Western Supply Co., Mfg. Div. (A, W)
Westinghouse Electric Corp., Air Conditioning Div. (A, W)
Williamson Co. (A)
Worthington Corp. (A, W)
Wright Mfg. Co. (A)
York Div. (A)
Zink Co., John (A)

Air Conditioners, Split System, Over 15 Hp.

(A—Air-Cooled; W—Water-Cooled)

Addison Products Co. (A)
Airtemp Div. (A, W)
American Air Filter Co., Inc. (W)
American-Standard Industrial Div. (A, W)
Carrier Air Conditioning Co. (A, W)
Clarage Fan Co.
Crane Co., Plumbing-Heating-Air Conditioning Group (A, W)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (A)
Curtis Mfg. Co. (A, W)
Dialatemp, Inc. (A, W)
Drying Systems Co. (A)
Dunham-Bush, Inc. (A, W)
Forston Co. (A)
Frick Co. (A, W)
Garrett Corp.
Gascool Div. (A, W)
Global Air Conditioning Div. (A)
Governair Corp. (A, W)
Heat Controller, Inc. (A)
Hupp International Div. (A, W)
Kramer Trenton Co. (A, W)
Lennox Industries, Inc. (A)
Lintern Corp. (A, W)
Mario Coil Co. (A, W)

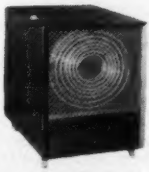
(Continued)

ADDISON
PRODUCTS COMPANY

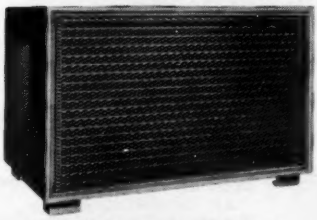
WINDOW AIR CONDITIONERS AND DEHUMIDIFIERS

Window Air Conditioners — Capacities from 3,300 to 28,000 Btuh • Standard models available or units designed and manufactured to your requirements.

Dehumidifiers—Models with capacities from 13 to 41 pounds per day • Chassis only or complete with cabinet and automatic control.

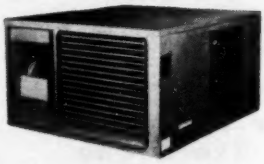


CENTRAL AIR CONDITIONERS AND HEAT PUMPS



Split Systems—Air Conditioners or Heat Pumps • Condensing units from 14,000 to 82,000 Btuh • Standard units available or designed especially for you.

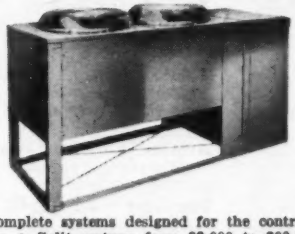
Packaged Air Conditioners and Heat Pumps—20,000 to 58,000 Btuh • For roof top, attic or through the wall installation.



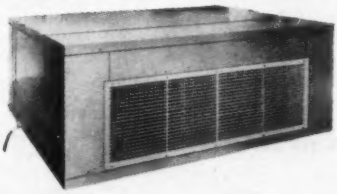
Blower Coil Units—For remote installation with ducts or with plenum and grille • Also "A" and "H" coils for use with forced air systems.

Addison has the experience, engineering staff, skilled employees and the facilities to build any air conditioning units or refrigeration systems required for: milk and beverage coolers, vending machines and other special applications.

COMMERCIAL DIVISION



Complete systems designed for the contractor • Split systems from 82,000 to 300,000 Btuh, multiples for higher ratings • Air Conditioners and Heat Pumps • Condensing units are rugged, quiet, weatherproofed, with diagonal coil for minimum plan area



• Controls wired and enclosed • Air Handlers to match for remote installation or with plenum and 4-way grille • Also packaged Water Chillers and Roof Top Air Conditioners and Heat Pumps.

ADDISON
PRODUCTS COMPANY
101 RAILROAD STREET
ADDISON, MICHIGAN • PHONE LI 7-1200

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

McMillan Heat Pumps, Inc. (A, W)
McQuay, Inc. (W)
Meyer Furnace Co. (A, W)
National Thermatic Corp. (A)
Nesbitt, Inc., John J. (W)
Niagara Blower Co.
Parks-Cramer Co. (W)
Ready-Power Co. (A, W)
Silco Products, Inc. (A, W)
Tempromatic Corp. (A, W)
Temtrol, Inc. (A, W)
Therm-Air Mfg. Co. (A, W)
Typhoon Air Conditioning Div. (A, W)
United States Air Conditioning Corp. (A, W)
Vikimatic, Inc. (A, W)
Welbilt Air Conditioning & Heating Corp. (A)
Westinghouse Electric Corp., Air Conditioning Div. (A, W)
Worthington Corp. (A, W)
York Div. (A)

Air Conditioners, Truck Cab

Forston Co.
Kauffman Air Conditioning Co.
Kysor Heater Co.
Lindustries, Inc.
Mitchell Co., Inc., John E., Mark IV Div.
National Steel Construction Co.
Therm-Air Mfg. Co.
Thermo King Corp.
Transicold Corp.
Tubenfin Coils
Vornado Auto Air Conditioner Div.
Western Supply Co., Mfg. Div.
York Div.

Air Curtain Doors

Air Door, Inc.
American Air Curtain
Chase Industries, Inc.
Chicago Blower Corp.
Ilg Electric Ventilating Co.
Jamison Cold Storage Door Co.
King Co.
Lehigh Mfg. Co.
Room-Temp Lockers, Inc.
York Div.

Air Deflectors

A & A Register Co.
Air Devices, Inc.
Ritter Pattern & Casting Co., Inc.
Russell Gasket Co.
Southern Plastics Co.
Titus Mfg. Corp.

Air Filter Assemblies

(A—Automatic; M—Manual)

Air Devices, Inc. (M)
Air-Maze Div. (A, M)
American Air Filter Co., Inc. (A, M)
Arkla Air Conditioning Co. (A)
Barbron Corp.
Cambridge Filter Corp. (M)
Carey Electronic Engineering Co.
Continental Air Filters, Inc. (A, M)
Dollinger Corp. (A, M)
Electro-air Cleaner Co., Inc. (A, M)
Farr Co. (A, M)
Keith Furnace Co. (M)
Lennox Industries, Inc. (M)
Lintern Corp. (A, M)
Microtron Corp. (A, M)
Perma-Fil Mfg. Co. (M)
Phifer Wire Products
Radex Corp. (M)
Research Products Corp. (M)
Sealed Units, Inc. (M)
South Bend Air Products, Inc. (M)
United States Register Co.
Vortox Co. (M)

Air Filter Media

(F—Fiber; M—Metallic; P—Plastic)

Air-Con Filter Corp. (F, M)
Air Filter Corp. (F, M, P)
Aluminum Filter Co. (P)
American Air Filter Co., Inc. (F, M, P)
Auto-Flo Corp. (P)
Barnebey-Cheney (F, M)
Burke & Co. (F)
Cambridge Filter Corp. (F, M, P)
Carey Electronic Engineering Co. (M)
Continental Air Filters, Inc. (M, P)
Drico Industrial Corp. (F)
Electro-air Cleaner Co., Inc. (F)
Farr Co.
Foamade Industries (P)
Fram Aire Co. (F)
K & B Distributors & Mfg. (F)
Microtron Corp. (F, P)
Owens-Corning Fiberglas Corp. (M)
Perma-Fil Mfg. Co. (F, P)
Permatron Corp. (P)
Phifer Wire Products (M)
Research Products Corp. (F)
Scott Paper Co., Foam Div. (P)
Smith Filter Corp. (M)
Springfield Wire & Tinsel Co.
Technical Filter Co. (F)
Union Carbide Development Co. (F)
United States Gypsum Co. (F)

Air Filters, Electronic

Albion Div.
American Air Filter Co., Inc.
Armstrong Furnace Co.
Burke & Co.
Dollinger Corp.
Electro-air Cleaner Co., Inc.
Hall-Neal Furnace Co.
Majestic Co., Inc.
Mamco Corp.
Minneapolis-Honeywell Regulator Co.
Mueller Climatrol
Permatron Corp.
Radex Corp.
Research-Cottrell, Inc.
Sampson Scientific Co.
Skuttle Mfg. Co.
Trion, Inc.
Westinghouse Electric Corp., Air Conditioning Div.
Westinghouse Electric Corp., Sturtevant Div.
York Div.

Air Filters, Panel

(P—Permanent; D—Disposable)

Air-Con Filter Corp. (P)
Air Devices, Inc. (P, D)
Air Filter Corp. (P, D)
Air-Maze Div. (P)
Airgard Mfg. Co. (D)
Aluminum Filter Co. (P)
American Air Filter Co., Inc. (P, D)
Armour Alliance Industries (P)
Auto-Flo Corp. (P)
Barnebey-Cheney (P, D)
Burke & Co. (P, D)
Cambridge Filter Corp. (D)
Carey Electronic Engineering Co. (P)
Continental Air Filters, Inc. (P)
Dollinger Corp. (P)
Drico Industrial Corp. (D)
Electro-air Cleaner Co., Inc. (D)
Eskay Mfg. Co. (P)
Evans Corp., The George (P)
Farr Co. (P, D)
Flanders Filters, Inc. (P, D)
Foamade Industries (P)
Fram Aire Co. (D)

(Continued)

Choose the air filter that fits the job

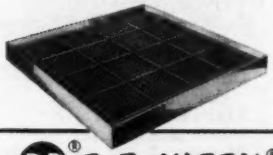
FROM THE COMPLETE LINE OF WASHABLE, ALUMINUM FILTERS AND GAIN THE ADDITIONAL ADVANTAGES OF HIGHEST EFFICIENCY REMOVAL OF DIRT, ODOR AND BACTERIA WITH WATER SOLUBLE SUPER FILTER COAT, THE REVOLUTIONARY ADHESIVE WITH THE BUILT-IN DETERGENT THAT MAKES FILTER WASHING FAST, EASY, ECONOMICAL!

RP® TRIM-TO-SIZE*
E Z KLEEN® AIR FILTER
* T.M.

for room air conditioners . . .

Easily cut to size for a perfect fit. Available in 15" x 24" standard size or 32" x 40" jumbo size. Completely solves special size inventory problems.

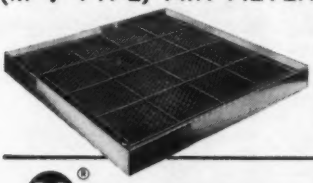
RP® E Z KLEEN®
AIR FILTER



for packaged heating and air conditioning units . . .

Designed especially for residential or limited commercial use to handle velocities up to 350 FPM. In all standard sizes in 1" and 2" thicknesses.

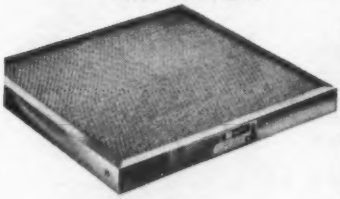
RP® E Z KLEEN®
(M-V TYPE) AIR FILTER



for commercial heating and air conditioning installations . . .

Handles varying velocities, up to 520 FPM. Ideal for installation where light weight and space saving is important. In all standard sizes; 1" and 2" thicknesses.

RP® INDUSTRIAL
AIR FILTER



for heavy duty air filtration in central filter bank installations . . .

Designed for both high and low velocities—from 250 to 600 FPM. Available in both 1" and and 2" thicknesses. Engineered for strength and light weight for ease of handling, faster maintenance.

RP

For complete information, write
RESEARCH PRODUCTS *Corporation*
Dept. 64, Madison 1, Wisconsin

See complete addresses in Alphabetic Section, page 25

(Continued)

Frigid, Inc. (D)
Hadley Products Co., Inc. (P, D)
Microtron Corp. (P, D)
Perma-Fil Mfg. Co. (P, D)
Permatron Corp. (P)
Phifer Wire Products (P)
Precisionaire, Inc. (D)
Repco, Inc. (D)
Research Products Corp. (P)
Scott Paper Co., Foam Div. (P)
Sealed Units, Inc. (D)
Skuttle Mfg. Co. (P)
Smith Filter Corp. (P)
Standard-Keil Hardware Mfg. Co., Inc. (P)
Stoddard Industries, Inc. (P)
Technical Filter Co. (D)
Trion, Inc.
Union Carbide Development Co. (P)
United States Gypsum Co. (D)
Vikimatic, Inc. (P)
Wickford Products, Inc. (D)

Air Filter Washer & Oiler

Paxton-Mitchell Co.

Air Filters

(Sub-Micron Particulate Type)

American Air Filter Co., Inc.
Cambridge Filter Corp.
Cuno Engineering Corp.
Dollinger Corp.
Flanders Filters, Inc.
Wheelabrator Corp.

Air Handling Units

Fan-Coil Units, Central

Acme Industries, Inc.
Addison Products Co.
Advanced Engineering Corp.
Air Conditioning Engineering Co.
Air Conditioning Industries, Inc.
Air Dynamics, Inc.
Airfan Engineering Co.
Airtemp Div.
Airtherm Mfg. Co.
Albion Div.
American Air Filter Co., Inc.
American Furnace Co.
American-Standard Industrial Div.
Arkla Air Conditioning Co.
Armstrong Furnace Co.
Astro Products Corp.
Bar-Brook Mfg. Co., Inc.
Bard Mfg. Co.
Blazer Corp.
Bohn Aluminum & Brass Corp., Danville Div.
Bryant Mfg. Co.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Century Engineering Corp.
Clarage Fan Co.
Cobell Industries, Inc.
Coleman Co., Inc.
Columbia Specialty Co., Inc.
Crane Co., Plumbing, Heating & Air Conditioning Group
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div.
Curtis Mfg. Co.
Day & Night Mfg. Co.
Delco Appliance Div.
Drayer-Hanson
Dunham-Bush, Inc.
Forston Co.
Frick Co.
Friedrich Refrigerators, Inc.
Frigid Coil
Gascool Div.
Global Air Conditioning
Governair Corp.
Halstead & Mitchell Co.
Hastings Air Conditioning Co., Inc.
Hastings Air Control, Inc.
Heat Controller, Inc.
Henry Furnace Co.
Holly-General Co.
Hupp International Div.
International Heater Co.
Iron Fireman Mfg. Co.
Janitrol Heating & Air Conditioning Div.
K & B Distributors & Mfg.
Larkin Coils, Inc.
Magic Aire Div.
Marlo Coil Co.
McCord Corp.
McMillan Heat Pumps, Inc.
McQuay, Inc.
Meyer Furnace Co.
Mueller Climatrol
Muncie Gear Works, Inc.
National Thermatic Corp.
Olsen Mfg. Co., C. A.
Patten Co., J. V.
Payne Co.
Peerless Products Co., Bonair Div.
Recold Corp.
Refrigeration Appliances, Inc.
Rempe Co.
Rheem Mfg. Co.
Russell Coil Co.
Rybolt Heater Co.
Silco Products, Inc.
Silent Automatic Products
Southwest Mfg. Co.
Stewart-Warner Corp., Heating & Air Conditioning Div.
Tempromatic Corp.
Temtrol, Inc.
Texas Products Mfg. Co.
Therm-Air Mfg. Co.
Thermal Engineering Corp.
Thermo-Electronics, Inc.
Trane Co.
Tubenfin Coils
Typhoon Air Conditioning Div.
United Electric Co.
United States Air Conditioning Corp.
Vikimatic, Inc.
Vilter Mfg. Corp.
Webster & Co., Inc., Warren
Welbilt Air Conditioning & Heating Corp.
Western Supply Co., Mfg. Div.
Westinghouse Electric Corp., Air Conditioning Div.
Westinghouse Electric Corp., Sturtevant Div.
Williamson Co.
Witt Co., Inc., A. H.
Worthington Corp.
Wright Mfg. Co.
York Div.
Young Radiator Co.

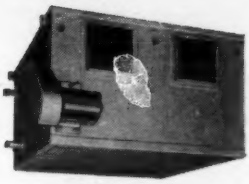
Fan-Coil Units, Room

(C—Ceiling; U—Under Window; W—Wall)

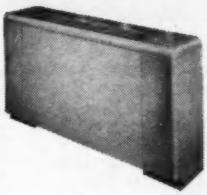
Acme Industries, Inc. (C, U, W)
Addison Products Co. (C)
Advanced Engineering Corp. (C)
Air Conditioning Engineering Co. (C)
Airtemp Div. (C, U, W)

(Continued)

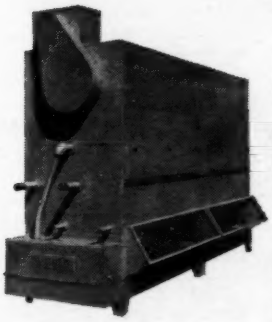
Marlo HEAT TRANSFER EQUIPMENT



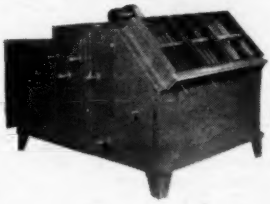
CENTRAL STATION AIR CONDITIONING UNITS—cooling — heating — dehumidifying — humidifying. 34 sizes—1 to 175 tons —400 to 52,000 cfm. Ceiling, floor types. All accessories. *Bulletin 30*



REMOTE ROOM AIR CONDITIONING UNITS—Permit individual climate selection. No ductwork, only simple piping needed. Floor and ceiling type units. *Bulletin 35*

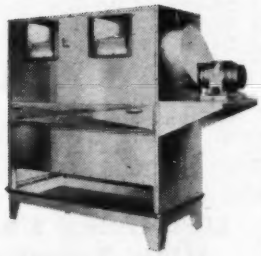


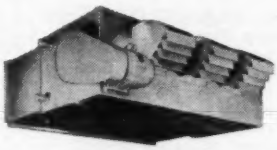
MULTI-ZONE UNITS—Complete winter and summer functions. Individual zone control—1,300 to 37,000 cfm. *Bulletin 34*



HEATING AND VENTILATING UNITS—Six basic types, 34 sizes, 600 to 80,000 cfm, with a complete line of accessories for all applications. *Bulletin 40*

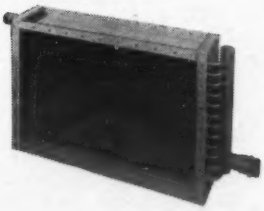
COOLING TOWERS AND EVAPORATIVE CONDENSERS—Industrial and commercial towers—20-100 tons—induced draft, wetted deck surface, water spray—indoor-outdoor.
3 to 250 tons. Also air-cooled condensers.
Bulletins 50, 55, 60

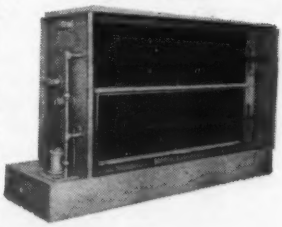




INDUSTRIAL COOLERS—15 unit sizes—1,000 to 26,500 cfm —water, electric and continuous brine spray defrosting. Ceiling, floor types. *Bulletin 25*

BLAST COILS—Air conditioning — industrial refrigeration — heating. Any material—all refrigerants—every application. Pressure-expanded staggered tubes, continuous plate-type fins. *Bulletins 10, 11*





SPRAY COIL DEHUMIDIFIER—washing, cleaning, humidifying, dehumidifying, heating and cooling. Air volumes from 600 to 76,000 cfm. *Bulletin 37*

UNIT COOLERS—water and electric defrosting—manual or automatic control. *Bulletins 21, 22*

Marlo COIL CO. • 7100 S. GRAND BLVD. • ST. LOUIS 11, MO.

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Airtherm Mfg. Co. (C, U, W)
American Air Filter Co., Inc. (C, U, W)
American Furnace Co. (C)
American-Standard Industrial Div. (C, U, W)
American-Standard, Plumbing & Heating Div. (C, U, W)
Arkla Air Conditioning Co.
Bar-Brook Mfg. Co., Inc. (W)
Bard Mfg. Co. (C)
Blazer Corp. (C, U, W)
Bohn Aluminum & Brass Corp., Danville Div. (C, U, W)
Brown Products Corp., A. (C, U, W)
Carrier Air Conditioning Co. (C, U, W)
Crane Co., Plumbing, Heating & Air Conditioning Group (C, W)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (C, U)
Drayer-Hanson (C, U, W)
Dunham-Bush, Inc. (C, U, W)
Fedders Corp. (C, U)
Forston Co. (C, W)
Frick Co. (C, W)
Hastings Air Conditioning Co., Inc. (C)
Hastings Air Control, Inc. (C)
Heat Controller, Inc. (C)
Henry Furnace Co. (C)
Hupp International Div. (C)
Ilg Electric Ventilating Co. (C, U, W)
International Mfg. Co. (C, U, W)
Janitrol Heating & Air Conditioning Div. (C)
K & B Distributors & Mfg. (C, U, W)
Keco Industries, Inc.
Kritzer Products Div. (C, U, W)
Kritzer Radiant Coils, Inc. (C, U, W)
Lennox Industries, Inc. (U)
Marlo Coil Co. (C, U, W)
McCord Corp. (U, W)
McQuay, Inc. (C, U, W)
Modine Mfg. Co. (W)
Mueller Climatrol (U, W)
National Thermatic Corp. (C, W)
Nesbitt, Inc., John J. (C, U, W)
Olsen Mfg. Co., C. A. (C)
Pebbco Industries, Inc. (U, W)
Peerless of America, Inc. (C)
Peerless Products Co., Bonair Div. (W)
Recold Corp. (C)
Refrigeration Appliances, Inc. (C, W)
Tempromatic Corp. (C, U, W)
Therm-Air Mfg. Co. (C)
Thermal Engineering Corp. (C, U, W)
Trane Co. (C, U, W)
Tubenfin Coils (C, U, W)
Typhoon Air Conditioning Div. (C)
United States Air Conditioning Corp. (C, U, W)
Vikimatic, Inc. (C, W)
Webster & Co., Inc., Warren (C, U)
Western Supply Co., Mfg. Div. (C, W)
Westinghouse Electric Corp., Air Conditioning Div. (C, U, W)
Westinghouse Electric Corp., Sturtevant Div. (C, W)
Williamson Co. (C)
Witt Co., Inc., A. H. (C)
Worthington Corp. (C, U, W)
York Div. (C, U, W)
Young Radiator Co. (C, U, W)

Multi-Zone Units

Advanced Engineering Corp.
Air Dynamics, Inc.
Airfan Engineering Co.
Airtherm Mfg. Co.
American Air Filter Co., Inc.
American-Standard Industrial Div.
American-Standard, Plumbing & Heating Div.
Blazer Corp.
Carrier Air Conditioning Co.
Coolenheat, Inc.
Drayer-Hanson
Dunham-Bush, Inc.
Governair Corp.
K & B Distributors & Mfg.
Kritzer Products Div.
Kritzer Radiant Coils, Inc.
Marlo Coil Co.
McMillan Heat Pumps, Inc.
McQuay, Inc.
Mueller Climatrol
National Heater Co.
National Thermatic Corp.
Peerless Products Co., Bonair Div.
Recold Corp.
Temtrol, Inc.
Therm-Air Mfg. Co.
Thermal Engineering Corp.
Trane Co.
Tubenfin Coils
Typhoon Air Conditioning Div.
United States Air Conditioning Corp.
Westinghouse Electric Corp., Air Conditioning Div.
Westinghouse Electric Corp., Sturtevant Div.
Worthington Corp.
York Div.
Young Radiator Co.

Schoolroom Units, Heating, Ventilating, Air Conditioning

Air Dynamics, Inc.
American Air Filter Co., Inc.
American Furnace Co.
American-Standard Industrial Div.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Crane Co., Plumbing-Heating-Air Conditioning Group
Drayer-Hanson
Dunham-Bush, Inc.
Forston Co.
Global Air Conditioning
Janitrol Heating & Air Conditioning Div.
Keith Furnace Co.
Lennox Industries, Inc.
Marlo Coil Co.
McCord Corp.
McMillan Heat Pumps, Inc.
McQuay, Inc.
Modine Mfg. Co.
National Heater Co.
Nesbitt, Inc., John J.
Norman Products Co.
Recold Corp.
Remington Corp.
Rich Fan Mfg. Co., Inc., Phil
Rittling Corp.
Silco Products, Inc.
Southwest Mfg. Co.
Stewart Industries, Inc.
Therm-Air Mfg. Co.
Trane Co.
United States Air Conditioning Corp.
Webster & Co., Inc., Warren
Wiegand Co., E. L.
Worthington Corp.

Air Mixing Units, High Velocity

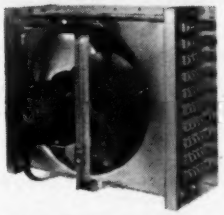
(D—Dual Duct; I—Induction)

Air Devices, Inc. (D)
American Air Filter Co., Inc. (D)
American-Standard Industrial Div. (I)
Anemostat Corp. of America (D, I)
Barber-Colman Co. (D, I)
Buensod-Stacey, Inc. (D)
Carnes Corp. (D)
Carrier Air Conditioning Co. (D, I)
Connor Engineering Corp. (D)
Dyfoam Corp. (D, I)

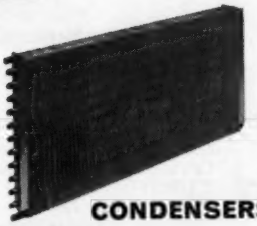
(Continued)

McCORD

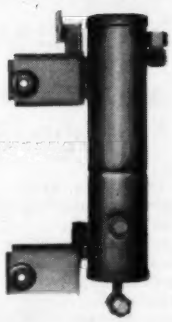
LEADING SUPPLIER OF REFRIGERATION AND AIR CONDITIONING COMPONENTS



FAN COIL UNITS



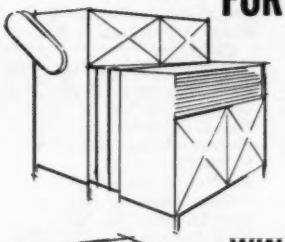
CONDENSERS

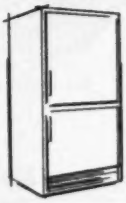


RECEIVER-DRIER COMBINATIONS

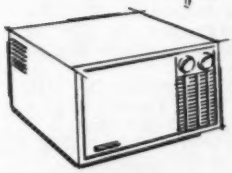
EVAPORATORS

FOR MANUFACTURERS OF

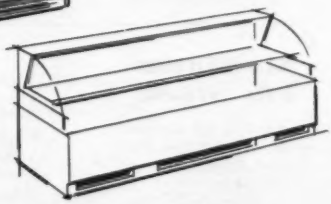




HOUSEHOLD AND COMMERCIAL REFRIGERATION



WINDOW AND CENTRAL AIR CONDITIONING



More than 50 years of experience at your service . . . standard heat transfer components readily available for most applications . . . engineering "know how" to design specials to your specifications . . . manufacturing skills and facilities to produce to your most exacting quality requirements. McCord capability is at your disposal. Take advantage of it. Call or write today.

McCORD CORPORATION

DETROIT 11, MICHIGAN

See complete addresses in Alphabetic Section, page 25

(Continued)

Industrial Refrigeration Co., Inc.
Mueller Climatrol (I)
Thermal Engineering Corp. (D)
Trane Co. (I)
Westinghouse Electric Corp., Sturtevant Div.
Worthington Corp. (D, I)
York Div. (D, I)

Air Washers

Air & Refrigeration Corp.
Air Cooling Engineering Co., Inc.
Air Dynamics, Inc.
Airfan Engineering Co.
Alton Mfg. Co.
American Moistening Co.
American-Standard Industrial Div.
Bahnson Co.
Bayley Blower Co.
Buensod-Stacey, Inc.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Century Engineering Corp.
Clarage Fan Co.
Comfort Products, Inc.
DeVilbiss Co.
Drying Systems Co.
Frigid Coil
Johnson Tank & Tower
Marlo Coil Co.
Niagara Blower Co.
Parks Cramer Co.
Silco Products, Inc.
Surface Combustion
Trane Co.
Westinghouse Electric Corp., Sturtevant Div.

Aluminum Fin Stock

Aluminum Co. of America
Anaconda Aluminum Co.
Bridgeport Brass Co.
Drayer-Hanson
Fairmont Aluminum Co.
Fromson Orban Co., Inc.
Merchant & Evans Co.
Mirro Aluminum Co.
Revere Copper & Brass, Inc.
Witt Co., Inc., A. H.

Bars, Refrigerated for Home, Office

Acme National Refrigeration Co., Inc.
Dwyer Products Corp.
Frigid Igloo Mfg. Corp.
Glacier Mfg. Co.
King Refrigerator Corp.
Marvel Industries, Inc.
New York Soda Fountain Co., Inc.
Norcold, Inc.
Solar Systems, Inc.
Springer-Penguin, Inc.
Tyson Metal Products, Inc.
Zero Cold, Inc.

Baseboard Radiation, Electric

Albion Div.
Carrier Air Conditioning Co.
Cavalier Corp., Appliance Div.
Coleman Co., Inc.
Edwards Engineering Corp.
Electromode Div.
Embassy Industries, Inc.
Gerwin Industries, Inc.
International Oil Burner Co.
Markel Electric Products, Inc.
National Steel Construction Co.
Radiant Baseboard Panels, Inc.
Rittling Corp.
Robbins & Myers, Inc.
Sun-Heat, Inc., Electric Heat Div.
Vulcan Radiator Co.
Westinghouse Electric Corp., Air Conditioning Div.
Wiegand Co., E. L.

Baseboard Radiation, Hydronic

American-Standard, Plumbing & Heating Div.
Bethlehem Foundry & Machine Co.
Brown Products Corp., A.
Bryant Mfg. Co.
Columbia Boiler Co.
Crane Co., Plumbing, Heating & Air Conditioning Group
Dunham-Bush, Inc.
Edwards Engineering Corp.
Embassy Industries, Inc.
Federal Boiler Co., Inc.
G & O Mfg. Co.
International Oil Burner Co.
Kold-Hold Div.
Kritzer Radiant Coils, Inc.
Lincoln Air Control Products, Inc.
Modine Mfg. Co.
Nesbitt, Inc., John J.
Pebbco Industries, Inc.
Radiant Baseboard Panels, Inc.
Rempe Co.
Rittling Corp.
Sarco Co., Inc.
Slant/Fin Radiator Corp.
Trane Co.
Tuttle & Bailey Div.
Utica Radiator Corp.
Vikimatic, Inc.
Vulcan Radiator Co.
Webster & Co., Inc., Warren
Weil-McLain Co., Inc.
York-Shipley, Inc.
Young Radiator Co.

Bearing Metal

American Brake Shoe Co.
Chase Brass & Copper Co., Inc.
Crucible Steel Co. of America
Mueller Brass Co.
Rotometals
Ryerson & Son, Inc., Joseph T.

Bearings

(B—Ball & Roller; S—Sleeve)

American Brake Shoe Co. (S)
Bohn Aluminum & Brass Corp. (S)
Congress Drives Div. (S)
Dick Co., Inc., R. & J. (S)
Dodge Mfg. Corp. (B, S)
Fafnir Bearing Co. (B)
Federal-Mogul Div. (S)
Frick Co. (S)
Hewitt-Robins (B)
Johns-Manville (S)
Lau Blower Co. (S)
New Departure Div. (B)
Ohio Carbon Co. (S)
Randall Graphite Bearings, Inc. (S)
SKF Industries, Inc. (B)
St. Regis Paper Co., Panelyte Div. (S)
Stephens-Adamson Mfg. Co. (B)
Tennessee Erector Service Co. (S)
Triangle Mfg. Co. (S)
Viking Air Products Div. (S)

Belts

(F—Flat; V—Vee)

American Biltrite Rubber Co., Boston Woven Hose & Rubber Div. (F, V)
Auburn Mfg. Co. (F)
Barke Products, Inc. (V)
Congress Drives Div. (V)

(Continued)

TRIANGLE

Creative design and engineering —

SOURCE OF THE MOST VERSATILE AND COMPLETE LINE OF

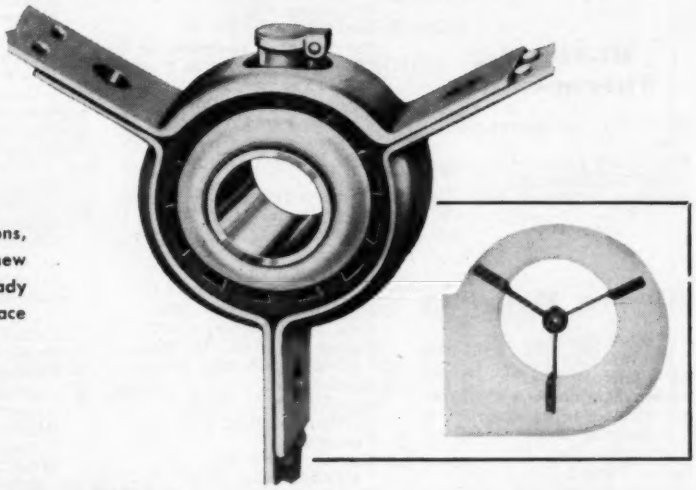
BEARINGS & BEARING MOUNTINGS

for the Air Conditioning Industry

Tri-Arm Brackets

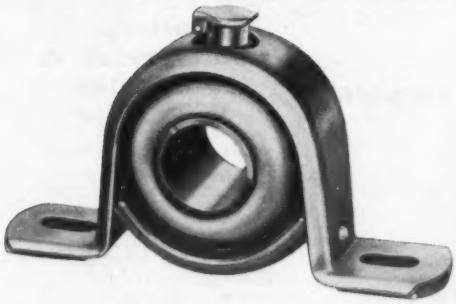
for sleeve-type or ball bearings

For big cost reductions, check the sensational new "Snap-In" bracket—already adopted by leading furnace manufacturers.

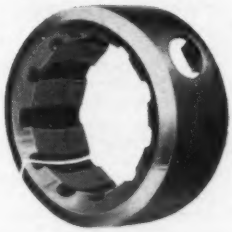


Cushioned Pillow Blocks

Also—VARIOUS FLANGE BEARINGS and SPECIAL MOUNTINGS.



Featuring the Triangle-designed VENT-LOCK CUSHION



for ECONOMY IN COST, DEPENDABILITY IN SERVICE, phone or write

TRIANGLE MANUFACTURING CO.

740 Division Street, Oshkosh, Wisconsin, BEverly 5-3710

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Dayton Electric Mfg. Co. (V)
Dick Co., Inc., R. & J. (F, V)
Dodge Fibers Corp. (F)
Extremultus, Inc. (F)
Gates Rubber Co. (V)
Goodrich Industrial Products Co., B. F. (F, V)
Goodyear Tire & Rubber Co. (F, V)
Hewitt-Robins (F)
Maurey Mfg. Corp. (V)
Raybestos-Manhattan, Inc. (F, V)
United States Rubber Co. (F, V)
Viking Air Products (V)
Zatko Metal Products Co. (V)

Bi-Metals, Thermostatic

American Instrument Co., Inc.
Engelhard Industries, Inc.
Carpenter Steel Co.
Metals & Controls, Inc.

Blower Housings

Air Conditioning Engineering Co.
Air Controls, Inc.
Airfan Engineering Co.
American-Standard Industrial Div.
Ammerman Co., Inc.
Barry Blower Co.
Bayley Blower Co.
Brundage Co.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Champion Blower & Forge Co., Inc.
Chicago Blower Corp.
Clarage Fan Co.
Detroit Stamping Co.
Fasco Industries, Inc.
General Blower Co.
Heil Process Equipment Corp.
Howard Industries, Inc.
International Mfg. Co.
Kody Blower Co.
Lau Blower Co.
Lennox Industries, Inc.
Marlo Coil Co.
Martin Fan & Blower Co.
Morrison Products, Inc.
New York Blower Co.
Porter Co., Inc., H. K., Peerless Electric Div.
Revcor, Inc.
Sheldons Mfg. Corp.
Torrington Mfg. Co.
Trane Co.
United States Air Conditioning Corp.
Utility Fan Corp.
Viking Air Products
Westinghouse Electric Corp., Sturtevant Div.

Blower Wheels

Air Conditioning Engineering Co.
Air Controls, Inc.
Airfan Engineering Co.
American-Standard Industrial Div.
Ammerman Co., Inc.
Amos Molded Plastics
Barry Blower Co.
Bayley Blower Co.
Brookside Corp.
Brundage Co.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Champion Blower & Forge Co., Inc.
Chicago Blower Corp.
Clarage Fan Co.
General Blower Co.
Heil Process Equipment Corp.
Howard Industries, Inc.
Kody Blower Co.
Lau Blower Co.
Mamco Corp.
Marlo Coil Co.
Martin Fan & Blower Co.
Morrison Products, Inc.
New York Blower Co.
Porter Co., Inc., H. K., Peerless Electric Div.
Revcor, Inc.
Sheldons Mfg. Corp.
Torrington Mfg. Co.
Trane Co.
United States Air Conditioning Corp.
Utility Fan Corp.
Viking Air Products Div.
Westinghouse Electric Corp., Sturtevant Div.

Blowers, Complete

Air Conditioning Engineering Co.
Air Controls, Inc.
Airfan Engineering Co.
American-Standard Industrial Div.
American Air Filter Co., Inc.
Ammerman Co., Inc.
Barry Blower Co.
Bayley Blower Co.
Bertram Co., The Harvey P.
Brundage Co.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Champion Blower & Forge Co., Inc.
Chicago Blower Corp.
Clarage Fan Co.
Coldin Cabinet Co., Inc.
Crane Co., Plumbing-Heating-Air Conditioning Group
Cyclo-Freez Corp.
Dayton Electric Mfg. Co.
Fasco Industries, Inc.
Frigid, Inc.
Garrett Corp.
General Blower Co.
Heil Process Equipment Corp.
Higgins Metal Products Co.
Howard Industries, Inc.
Ilg Electric Ventilating Co.
Ingersoll-Rand Co.
Joy Mfg. Co.
Kody Blower Co.
Kysor Heater Co.
Lau Blower Co.
Magic Aire Div.
Marlo Coil Co.
Martin Fan & Blower Co.
Meyer Furnace Co.
Modine Mfg. Co.
Morrison Products, Inc.
Motor Wheel Corp., Consumer Products Div.
New York Blower Co.
Niagara Blower Co.
Porter Co., Inc., H. K., Peerless Electric Div.
Redmond Co., Inc.
Robbins & Myers, Inc.
Rotron Mfg. Co., Inc.
Sheldons Mfg. Corp.
Small Motors, Inc.
Stamford Fan Co., Inc.
Standard Electric Mfg. Co., Inc.
Torrington Mfg. Co.
Trane Co.
United States Air Conditioning Corp.
Universal Dynamics Corp.
Utility Fan Corp.
Viking Air Products
Westinghouse Electric Corp., Sturtevant Div.

Boilers, Commercial & Industrial, Packaged

Heat Source: (C—Coal; G—Gas; O—Oil)

American-Standard Industrial Div. (G, O)
American-Standard, Plumbing & Heating Div. (C, G, O)
Ames Iron Works, Inc. (G, O)
Arkos Mfg. Co.
Bryant Mfg. Co.
Cleaver Brooks Co. (G, O)
Columbia Boiler Co. (C, G, O)

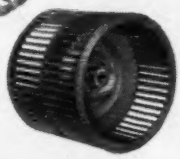
(Continued)

Revcor

4 MAKES ALL 4

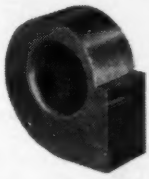
A CENTRALLY LOCATED, DEPENDABLE SOURCE FOR AIR IMPELLERS!

BLOWER WHEELS
FAN BLADES
INLET RINGS
HOUSINGS



BLOWER WHEELS

Single and Double Inlet *BLASTAIRE* Blower Wheels that deliver maximum air and pressure. 22 diameters from 3-27/32" to 15". Single inlet widths from 1" to 6". Double inlet widths from 2" to 15".

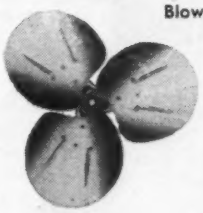


HOUSINGS

Sheet-metal housings die-formed to assure custom-made uniformity. Correctly matched for Revcor Blower Wheels.

INLET RINGS

Scientific Bell Mouth Venturi design for all Revcor Blower Wheels or in special sizes.



FAN BLADES

High efficiency propeller fan blades. With or without slinger rings. Almost any diameter or pitch. Solid or resilient hubs. 3 to 10 blades. 8 types for all applications from 6" to 48".

SLINGER RING MULTI-BLADE PRESSURE SERIES

STATIC PRESSURE SERIES

HI-STATIC SERIES

ATTIC FAN SERIES

SPACE SAVER SERIES

ONE PIECE SERIES

OVER 60% OF ALL ROOM AIR CONDITIONER MANUFACTURERS USE Revcor BLASTAIRE Blower Wheels

FREE— AIR IMPELLER BROCHURE. Also technical details, diagrams, specifications, performance ratings, etc. We maintain a complete research and testing laboratory to provide you with the special information you may need. Write, wire or telephone . . .

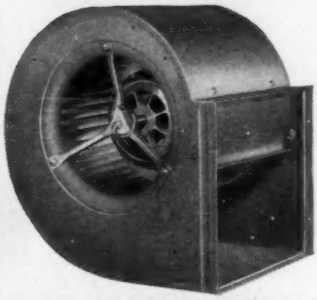
Revcor, Inc.

251 Edwards Street • Carpentersville, Ill. • HAzel 6-4818

See complete addresses in Alphabetic Section, page 25

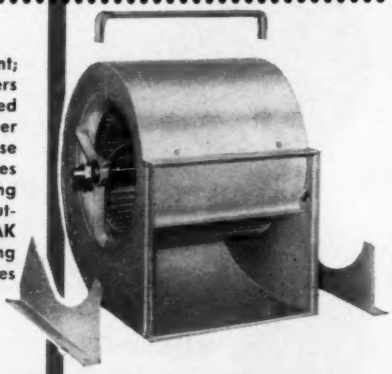
THE LAU BLOWER COMPANY

LAU *ELECTRO-WHEEL BLOWER



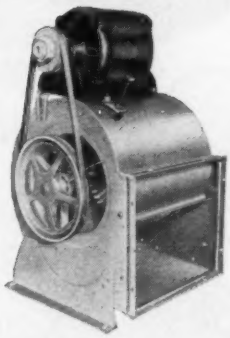
Two unobstructed air inlets on wheel sides plus compact motor design gives more air delivery with less power input. Stationary shaft with rubber mountings reduces vibration to a minimum. Rugged tripod mountings give extreme shipping strength. Air delivery from 500 to 1500 cfm, static pressure from 0.5 to 1.25 in. (water gauge), ¼ and ⅓ hp. motor, 9 in. and 10 in. wheels. Available in 115 and 230 volt a-c. Housing supports optional. Pre-punched holes in housing unit make any one of 4 standard angles of discharge possible.

LAU *ECONO-PAK BLOWERS



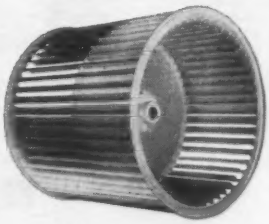
cover most applications for residential air moving equipment; effect savings up to 10 percent by eliminating special blowers for each application; reduce blower inventories by simplified order procedures, quick handling of model changes, lower handling costs, up to 26½ percent reduction in warehouse space. **FOUR BASIC SIZES** each in 2 widths, with all features of Standard Series A Blowers. **PACKAGE INCLUDES** housing supports, motor mount (not attached), wheel, housing with cut-off, bearings and shaft assembled. **EXCLUSIVE *LAU-PAK BEARINGS** without oil cups require no lubrication. Housing supports can be positioned for any one of 4 standard angles of discharge.

LAU STANDARD BLOWER ASSEMBLIES (SERIES A)



heavy-gauge steel housing assemblies, entire unit die-formed. Capacity range 350-22,000 cfm. **MOTOR MOUNTING** adjustable for any motor location. **HOUSING BASE** heavy gauge steel, rigid. **DISCHARGE OUTLET** improved design, construction. **CUSTOM-BUILT BELT** special composition for blower operation. **SHAFTING** is 2-stage centerless ground and burnished. **BEARING BRACKET** 3-point suspension; same bracket used for all discharge angles. **LAUSTEEL PULLEYS** employed; V.S. motor pulley allows speed variations up to 30 percent. **CENTER SUSPENDED WHEEL. EMBOSSING OF SCROLL SIDES** reinforces venturi inlet and discharge. **BEARINGS** highest grade self-aligning porous bronze sleeve type. **PLASTIC THRUST WASHER** absorbs shocks.

LAU PRESLOK* CENTER SUSPENDED RIVETED S.I. and D.I. WHEELS of both SPUN and WELDED CONSTRUCTION,



a complete wheel line. *Preslok wheels, sizes 9" through 18" center-disc construction; baked enamel, Ruspruf, or hot-dip galvanized finish; standard steel or Power Lock hubs. **RIVETED CENTER SUSPENDED WHEELS,** blades double-riveted to end rings, diameters 22 in.-30 in.; standard steel or Power Lock hubs. **S. I. and D. I. WELD WHEELS,** individual blades of correct length, width, pitch; baked enamel, Ruspruf, or plated; diameters 4½ in.-9 in.; width 2¼ in.-9 in. All wheels except **WELD WHEELS** available in aluminum material construction.

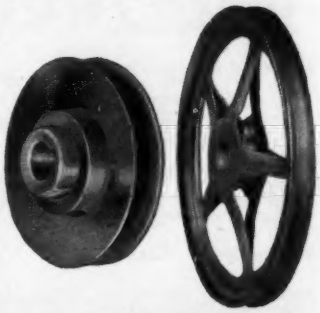
*T. M. Reg. U. S. Pat. Off.

For specific product listings, see Alphabetic Cross Index at back of Directory

THE LAU BLOWER COMPANY

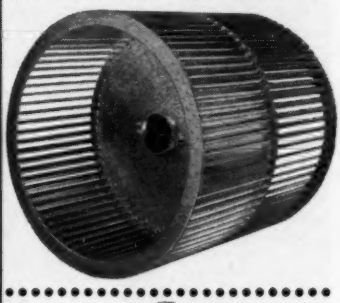
LAUSTEEL VARIABLE AND CONSTANT SPEED PULLEYS

are in balance and true-running. **LAUSTEEL VARIABLE SPEED PULLEYS** available in three standard bores; ½, ⅝, and ¾ in. Diameter 3¼ in. OD. Allow speed variations up to 30 percent for many drive combinations. **LAUSTEEL CONSTANT SPEED PULLEYS** available in diameters of 6, 7, 8, 9, and 10 in. inclusive. Suitable for both "A" and "O" section belts. Lau also offers cast iron pulleys in diameters of 11 in. to 14 in.



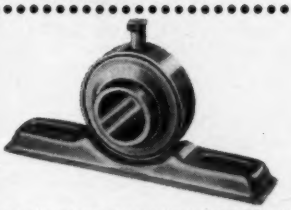
LAU LARGE-BORE WHEELS

made to traditional **LAU** rigid performance standards, are now available. Bores for 2¼ in., 3 in., 4 in. and 4½ in. shafting are offered on Spun wheel sizes 9 in. through 18 in. and on Riveted wheel sizes 22 in. through 30 in. Variety of finishes (contact factory for details). **NO** set screws—no need for flats or keyways. New design clamplok hub eliminates excess weight.



LAU SELF-ALIGNING PILLOW BLOCKS

are low-cost, light-weight, oil-tight steel housings with porous bronze bearings. Hold much more oil than cast iron types. Bushing feeds oil to shaft by capillary action. Spring keeps spherical surface of bearing and ring in close contact. Long bolt slots permit interchanging with other makes of pillow blocks. Bore sizes available are ⅝, ¾, 1, and 1 3/16 in.



LAU "SERIES A" BEARINGS

are re-oilable. Wick provides uniform distribution of lubricant through pores of bronze bushing. Drive type oil cups are provided.

LAU PAK GOLD SEAL BEARING

are self-oiling and factory packed with a supply of plastic petroleum, assuring proper lubrication during long life of bearing. A porous bronze sleeve is pressed in each bearing housing.

Write for Lau Blower Catalog LSO-463 and mention all blower items of interest.

THE LAU BLOWER COMPANY 2027 Home Avenue, Dayton 7, Ohio

(Continued)

Crane Co., Plumbing, Heating & Air Conditioning Group (C, G, O)
Edwards Engineering Corp. (G, O)
Erie City Iron Works (C, G, O)
Federal Boiler Co., Inc. (G, O)
Fitzgibbons Boiler Co., Inc. (C, G, O)
Foster Wheeler Corp. (C, G, O)
Hodge Boiler Works (C, G, O)
Industrial Combustion, Inc. (G, O)
International Boiler Works Co. (C, G, O)
Iron Fireman Mfg. Co. (G, O)
Johnston Brothers, Inc. (C, G, O)
Keeler Co., E. (C, G, O)
Lincoln Air Control Products, Inc. (G, O)
National Steel Construction Co. (G, O)
Otto Boiler Co., Inc., George (C, G, O)
Pebbco Industries, Inc. (G, O)
Peerless Heater Co. (G)
Pennsylvania Furnace & Iron Co. (G)
Precision Parts Corp.
Prox Co., Inc., Frank (G, O)
Queen City Boiler Corp. (C, G, O)
Ray Burner Co. (G, O)
Raypak Co., Inc. (G)
Smith Co., Inc., The H. B. (C, G, O)
Smith Corp., A. O., Permaglas Div. (G)
Smith Twin Tubular Boiler Co., Inc. (C, G, O)
Stewart-Warner Corp., Heating & Air Conditioning Div. (G, O)
Superior Combustion Industries, Inc. (C, G, O)
Thatcher Furnace Co. (G, O)
Union Iron Works (C, G, O)
Vogt Machine Co., Henry (G, O)
Weil-McLain Co., Inc. (C, G, O)
York-Shipley, Inc. (G, O)

Boilers, Residential, Hot Water or Steam

American-Standard Industrial Div.
American-Standard, Plumbing & Heating Div.
Bethlehem Foundry & Machine Co.
Bryant Mfg. Co.
Columbia Boiler Co.
Crane Co., Plumbing, Heating & Air Conditioning Group
Delco Appliance Div.
Edwards Engineering Corp.
Embassy Industries, Inc.
Federal Boiler Co., Inc.
Fitzgibbons Boiler Co., Inc.
International Boiler Works Co.
Iron Fireman Mfg. Co.
Lincoln Air Control Products, Inc.
National Steel Construction Co.
Otto Boiler Co., Inc., George
Pebbco Industries, Inc.
Peerless Heater Co.
Pennsylvania Furnace & Iron Co.
Precision Parts Corp.
Prox Co., Inc., Frank
Raypak Co., Inc.
Roberts-Gordon Appliance Corp.
Silent Automatic Products
Smith Co., Inc., The H. B.
Smith Corp., A. O., Permaglas Div.
Stewart-Warner Corp., Heating & Air Conditioning Div.
Thatcher Furnace Co.
Utica Radiator Corp.
Vikimatic, Inc.
Wayne Home Equipment Co., Inc.
Weil-McLain Co., Inc.
York-Shipley, Inc.

Brazing Alloys

American Brazing Alloys Corp.
Dalweld Co., Inc.
Engelhard Industries, Inc., American Platinum & Silver Div.

Breaker Strips

Amos Molded Plastics
Eskay Mfg. Co.
Laminated Sheet Products Corp.
Northland Plastics, Inc.
St. Regis Paper Co., Panelyte Div.
Shurclose Seal Co.
Standard-Keil Hardware Mfg. Co., Inc.

Burners

(G—Gas; O—Oil)

American-Standard Industrial Div. (G, O)
American-Standard, Plumbing & Heating Div. (G, O)
Armstrong Furnace Co. (G, O)
Aston Products, Inc. (G)
Banner Burner Co. (G)
Barber Mfg. Co. (G)
Bard Mfg. Co. (G, O)
Bethlehem Foundry & Machine Co. (O)
Boston Machine Works Co. (O)
Carlin Co. (G, O)
Century Engineering Corp. (G, O)
Columbia Boiler Co. (G, O)
Controls Co. of America (O)
Delco Appliance Div. (G, O)
Erie City Iron Works (G, O)
Federal Boiler Co., Inc. (G, O)
Hastings Air Conditioning Co., Inc. (G)
Hastings Air Control, Inc. (G)
Henry Furnace Co. (G, O)
Hupp International Div. (G, O)
Industrial Combustion, Inc. (G, O)
International Heater Co. (G)
Iron Fireman Mfg. Co. (G, O)
Keith Furnace Co. (G, O)
Kol-Master Corp. (O)
Lennox Industries, Inc. (G, O)
Meyer Furnace Co. (G)
Niagara Furnace Div. (G)
Nu-Way Corp. (G, O)
Olsen Mfg. Co., C. A. (G, O)
Pebbco Industries, Inc. (O)
Pennsylvania Furnace & Iron Co. (G)
Ray Burner Co. (G, O)
Raypak Co., Inc. (G)
Roberts-Gordon Appliance Corp. (G, O)
Rybolt Heater Co. (G)
Silent Automatic Products (G, O)
Stewart-Warner Corp., Heating & Air Conditioning Div. (G, O)
Sundstrand Engineering Co. (G, O)
Superior Combustion Industries, Inc. (G, O)
Sure Comfort Furnace Co. (G)
Thatcher Furnace Co. (O)
Vikimatic, Inc. (G, O)
Wayne Home Equipment Co., Inc. (G, O)
York-Shipley, Inc. (G, O)

RIVERSIDE ANNOUNCES HUGE EXPANSION OF MANUFACTURING FACILITIES

Detroit, Michigan - 1962
Mr. H. N. Brodsky, Chairman of the Board of Riverside Electrical Manufacturing Co., announced that Riverside's huge expansion program at Marion, Michigan has been completed.
The new 30,000 square foot addition approximately doubles the size of the plant.

SEND FOR OUR NEW 25-PAGE CATALOG

REFRIGERATION AND APPLIANCES
- Harnesses & Cord Sets
- Switches
- Lamp Sockets
- Defroster Elements
- Grommets
- Strain Reliefs
- Vinyl Molding and Epoxy Molding

AIR CONDITIONING
- Cord Sets
- Harnesses
- Vinyl Molding
- Epoxy Molding
- Silicone Molding

AUTOMOTIVE
- Specialty Molding
- Harnesses
- Stampings
- Braiding
- Shielding
- Taping

ORDNANCE
- Harnesses
- Waterproof Switches
- Waterproof Relays
- Electrical Assemblies
- Epoxy Molding
- Silicone Molding

We are equipped with Teletype and Telefax. All three plants are joined with direct telephone lines which offer rapid service through rapid communication. Our organization offers engineering and design help as part of its many services.

RIVERSIDE ELECTRICAL Manufacturing Co.
10221 Michigan Ave Dearborn, Mich
Phone: TIffany 6-6800

THE LARGEST INDEPENDENT MANUFACTURER OF WIRING HARNESSES AND ELECTRICAL ASSEMBLIES FOR THE APPLIANCE AND AUTOMOTIVE INDUSTRIES

Send Us Your Request For Quotation

See complete addresses in Alphabetic Section, page 25

Bushings

American Brake Shoe Co.
Bohn Aluminum & Brass Corp.
Chase Brass & Copper Co., Inc.
Federal-Mogul Div.
Johns-Manville
Minisink Rubber Co., Inc.
Ohio Carbon Co.
Randall Graphite Bearings, Inc.
Shurclose Seal Co.
Tennessee Erector Service Co.
United States Rubber Co.

Cable, Electric

(M—Metallic; N—Non-Metallic)

Aluminum Co. of America (M)
Hatfield Wire & Cable (M, N)
Leviton Mfg. Co., Inc. (M, N)
National Electric Div. (M, N)
Pacific Electricord Co.
Phelps Dodge Copper Products Corp. (M)
Riverside Electrical Mfg. Co. (N)
Springfield Wire & Tinsel Co. (M)
Triangle Conduit & Cable Co., Inc. (M, N)
Wire & Cable Div. (M, N)

Cable, Electric Heating

Aluminum Co. of America
Butcher Boy Refrigerator Door Co.
Cox & Co., Inc.
Electromode
Emerson Electric Mfg. Co.
General Electric Co.
Hatfield Wire & Cable
National Steel Construction Co.
Phelps Dodge Copper Products Corp.
Riverside Electrical Mfg. Co.
Springfield Wire & Tinsel Co.
Wiegand Co., E. L.

Capacitor Box Assemblies

Aerovox Corp.
Cornell-Dubilier Electronics
Sprague Electric Co.

Capacitors

(R—Running; S—Starting)

Aerovox Corp. (R, S)
Century Electric Co. (R, S)
Cornell-Dubilier Electronics (R, S)
General Electric Co., Capacitor Dept. (R, S)
Mallory & Co., Inc., P. R. (R, S)
Sprague Electric Co. (R, S)

Capillary Assemblies

Anaconda American Brass Co.
Astro Products Corp.
Flexonics
Henry Valve Co.
Kensico Tube Co.
Refrigeration Research, Inc.
Sealed Unit Parts Co., Inc.
Wabash Corp.
Watsco, Inc.

Caps and Plugs, Protective

Clover Industries, Inc.
Hedeman Products, Inc.
Leviton Mfg. Co., Inc.
Pass & Seymour, Inc.
Shurclose Seal Co.
Walker Mfg. & Sales Corp.

Carbonators

Amcoin Corp.
Bastian-Blessing Co.
Carbonic Dispenser, Inc.
Hedeman Products, Inc.
Hudson Industries, Inc.
New York Soda Fountain Co., Inc.
Selmix Dispensers, Inc.
Superior Refrigerator Mfg. Co., Inc.
S & R Soda Fountain Mfg. Co., Inc.
Temprite Products Corp.
Uniflow Mfg. Co.

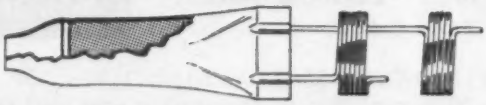
Castings

Aluminum Co. of America
American Brake Shoe Co.
Bethlehem Steel Co.
Bohn Aluminum & Brass Corp.
Dalton Foundries, Inc.
Dent Hardware Co.
Eaton Mfg. Co., Foundry Div.
Frick Co.
Gould-National Batteries, Inc., Engine Parts Div.
Grand Rapids Brass Co.
Higgins Metal Products Co.
Indiana MacKay Foundry Corp.
Mueller Brass Co.
Niagara Furnace Div.
Ritter Pattern & Casting Co.
Rotary Seal Div.
Shurclose Seal Co.
Titan Metal Mfg. Co.

Cap tubes, Strainers, Distributors, Combinations

ALL AVAILABLE FROM **WABASH** — ALL QUALITY PRODUCTS

For Air Conditioning



3/4 h.p. to 5 h.p.

13 cap tube kits for units from 3/4 to 5 h.p., 22 strainers and distributors with from 2 to 5 outlets, and 23 cap tube-distributor or strainer combinations to meet every requirement in room, residential, or commercial air conditioning. Write for complete details to Wabash Corp., 2300 So. Western Ave., Chicago 8.

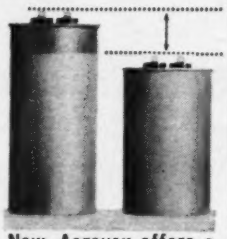
AEROVOX

CAPACIBILITY*

NOW... 2 YEAR WARRANTY

ANOTHER AEROVOX FIRST!

BREAK THE SPACE BARRIER with Compact AEROVOX MOTOR-RUN CAPACITORS



Now, Aerovox offers a savings of approximately 15% in volume for space-savings requirements with no sacrifice in performance or reliability.

Designed to meet today's needs for space-saving, Aerovox Motor-Run Capacitors offer a new high in performance with a new low in height. These units, available in voltage ratings of 165, 236, 370, 440 and 660 VAC in a wide range of capacitances, are furnished in drawn metal cases with double-lock seams and are hermetically sealed for continuous duty operation. Aerovox Motor-Run Capacitors are supplied with double blade universal terminals. New one-piece dual cup bushings meet all UL physical requirements . . . prevent terminal twisting and increase assembly strength. Exclusive Aerovox "Weatherguard"® 80-147 UL approved case finish provides maximum protection against rust and corrosion.

AEROVOX MOTOR-START CAPACITORS

Aerovox offers a complete line of top-quality Motor-Start Capacitors featuring an exclusive electrolytic formula rigidly controlled for purity to assure dependable performance and long service life. Vibration protection against broken internal connections is assured by special sealing compound used to imbed section in case. Positive seal guards against adverse environmental conditions. Phenolic and aluminum cases available.

***CAPACI-BILITY**

An Aerovox characteristic. Capability to design, develop and manufacture capacitors to best meet customers' requirements.

Prompt delivery schedules in production quantities.

AEROVOX

WRITE FOR COMPLETE DETAILS.

AEROVOX CORPORATION

NEW BEDFORD DIVISION NEW BEDFORD, MASS.

Technical Leadership – Manufacturing Excellence

For specific product listings, see Alphabetic Cross Index at back of Directory

Chemicals and Compounds

Absorbents

Blons & Co., M. J.
Dow Chemical Co.
Easton R. S. Corp.
Johns-Manville
Merix Chemical Co.
Oakite Products, Inc.

Activated Carbon

Barnebey-Cheney
Berna Corp.
Burke & Co.
Connor Engineering Corp.
Ionac Chemical Co.
Minneapolis-Honeywell Regulator Co.
National Carbon Co.
Perma-Fil Mfg. Co.
Permutit Co.
Pfanstiehl Laboratories, Inc.

Adsorbents

Aluminum Co. of America
Barnebey-Cheney Co.
Easton R. S. Corp.
Filtrol Corp.
Grace & Co., W. R., Davison Chemical Div.
Johns-Manville
Kahn & Co., Inc.
Linde Co.
Merix Chemical Co.
Universal Dynamics Corp.

Algaecide

American Sand-Banum Co., Inc.
Anderson Chemical Co.
Aquatrol Laboratories, Inc.
Atlantic Chemical & Equipment Co.
Atoz Chemicals
Berna Corp.
Calgon Co.
Certified Laboratories
Chemical Solvent Co., Inc.
Chemicator Div.
Deady Chemical Co.
Dearborn Chemical Co.
Dow Chemical Co.
du Pont de Nemours & Co., Inc., E. I.
Easton R. S. Corp.
Garman Co., Inc.
Haering & Co., Inc., D. W.
Ionac Chemical Co.
IPCO Laboratories, Inc.
Lester Laboratories, Inc.
National Chemsearch Corp.
Nalco Chemical Co.
Oakite Products, Inc.
Rathbun Co.
Skasol Corp.
Stiles Karlsonite Corp.
Veri Products Co.
Virginia Chemicals & Smelting Co.
Vulcan Laboratories
Wallace & Tiernan, Inc.
Worth Chemical Products Co.
Wright Chemical Corp.

Anti-Frost Compound

Berna Corp.
du Pont de Nemours & Co., Inc., E. I.
Merix Chemical Co.

Anti-Static Compounds

du Pont de Nemours & Co., Inc., E. I.
Easton R. S. Corp.
Houghton & Co., E. F.
Merix Chemical Co.

Coil Cleaning Compounds

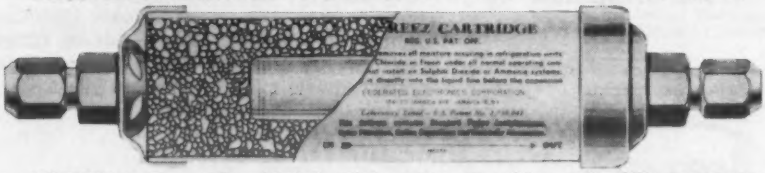
American Products Corp.
Anderson Chemical Co.
Atlantic Chemical & Equipment Co.
Atoz Chemicals
Calgon Co.
Certified Laboratories
Chemical Solvent Co., Inc.
Chemicator Div.
Dearborn Chemical Co.
Dow Chemical Co.
Garman Co., Inc.
Houghton & Co., E. F.
Lester Laboratories, Inc.
Nalco Chemical Co.
National Chemsearch Corp.
Oakite Products, Inc.
Permatex Co., Inc.
Rathbun Co.
Skasol Corp.
Stiles Karlsonite Corp.
Veri Products Co.
Virginia Chemicals & Smelting Co.
Vulcan Laboratories
Worth Chemical Products Co.

Corrosion Inhibitors

Allied Chemical Corp., Solvay Process Div.
Amchem Products, Inc.
American Products Corp.
American Sand-Banum Co., Inc.
American Solder & Flux Co.
Anderson Chemical Co.
Aquatrol Laboratories, Inc.
Atlantic Chemical & Equipment Co.
Atoz Sales Co.
Berna Corp.
Calgon Co.
Chemical Solvent Co., Inc.
Chemicator Div.
Deady Chemical Co.
Dearborn Chemical Co.
du Pont de Nemours & Co., Inc., E. I.

(Continued)

100% GUARANTEED AGAINST LEAKS OR POWDERING



- DRIFREEZ is the reaction dehydrator that removes all moisture and acidity in one step.
- DRIFREEZ saves up to 98% 'call backs.'
- DRIFREEZ is the most economical drier in the industry today.

Manufactured by Drifreez Division, Federated Electronics Inc.
134-20 Jamaica Avenue, Jamaica 18, L.I., N.Y.

TRACE to find leaks... *Leak Lock* to stop them

Use this famous pair. They save work for you, prevent future trouble...at very little cost. Both *Trace* and *Leak Lock* are easy to apply, and are effective with any type of refrigerant. Take them on *every* job.

TRACE...the simplest, safest, refrigerant leak detector. Circulates through the system with the refrigerant—pinpoints leaks with bright color—detects minute, intermittent leaks—shows through coatings of ice—leaves positive leak tag.

Leak Lock...the joint sealer engineered for refrigeration use. Withstands the solvent action of refrigerants, rapid temperature changes, corrosion. Stays flexible while giving a *permanent seal*, keeps joints from freezing, stops loosening of nuts, plugs and fittings caused by vibration.

FREE SAMPLES—**Ask your supplier for "Trace" or "Leak Lock," or write on your letterhead for free samples.**

HIGHSIDE CHEMICALS INCORPORATED
18 COLFAX AVENUE • CLIFTON, N.J.

See complete addresses in Alphabetic Section, page 25

(Continued)

Easton R. S. Corp.
Galvicon Corp.
Garman Co., Inc.
Haering & Co., Inc., D. W.
Houghton & Co., E. F.
Ionac Chemical Co.
IPCO Laboratories, Inc.
Lester Laboratories, Inc.
Mortell Co., J. W.
Nalco Chemical Co.
National Chemsearch Corp.
Oakite Products, Inc.
Permatex Co., Inc.
Rathbun Co.
Rust-Oleum Corp.
Skasol Corp.
Veri Products Co.
Virginia Chemicals & Smelting Co.
Vulcan Laboratories
Wilbur & Williams Co., Inc.
York Div.

Degreasing Solvents

Allied Chemical Corp., Solvay Process Div.
Atlantic Chemical & Equipment Co.
Atoz Sales Co.
Certified Laboratories
Chemical Solvent Co.
Chemicator Div.
Colonial Alloys Co.
Crown Industrial Products Co.
du Pont de Nemours & Co., Inc., E. I.
Dow Chemical Co.
Garman Co., Inc.
Houghton & Co., E. F.
Lester Laboratories, Inc.
Oakite Products, Inc.
National Chemsearch Corp.
Pennsalt Chemicals Corp.
Permatex Co., Inc.
Rathbun Co.
Sealed Unit Parts Co., Inc.
Skasol Corp.
Virginia Chemicals & Smelting Co.
Worth Chemical Products Co.

Desiccants

(L—Liquid; S—Solid)

Allin Mfg. Co. (L)
Aluminum Co. of America (S)
Berna Corp. (L, S)
Dow Chemical Co. (S)
Filtrol Corp. (S)
Grace & Co., W. R., Davison Chemical Div. (S)
Highside Chemicals Inc. (L)
Kahn & Co., Inc. (S)
Linde Co.
McIntire Co. (S)
Merix Chemical Co. (S)
Mueller Brass Co. (S)
Universal Dynamics Corp. (S)
Wabash Corp. (S)

Ice Machine Cleaners

Anderson Chemical Co.
Berna Corp.
Calgon Co.
Chemical Solvent Co., Inc.
Chemicator Div.
Garman Co., Inc.
Lester Laboratories, Inc.
Nalco Chemical Co.
National Chemsearch Corp.
Rathbun Co.
Stiles Karlsonite Corp.
Virginia Chemicals & Smelting Co.
Vulcan Laboratories

Lithium Bromide

American Potash & Chemical Corp.
Dow Chemical Co.

Lithium Chloride

American Potash & Chemical Corp.

Water Treatment Chemicals

Allied Chemical Corp., Solvay Process Div.
American Products Corp.
American Sand-Banum Co., Inc.
Anderson Chemical Co.
Aquatrol Laboratories, Inc.
Atlantic Chemical & Equipment Co.
Atoz Sales Co.
Berna Corp.
Calgon Co.
Certified Laboratories
Chemical Solvent Co., Inc.
Chemicator Div.
Deady Chemical Co.
Dearborn Chemical Co.
Dow Chemical Co.
du Pont de Nemours & Co., Inc., E. I.
Garman Co., Inc.
Haering & Co., Inc., D. W.
Houghton & Co., E. F.
Ionac Chemical Co.
IPCO Laboratories, Inc.
Lancaster Pump & Mfg. Co., Inc.
Lester Laboratories, Inc.
Nalco Chemical Co.
National Chemsearch Corp.
Oakite Products, Inc.
Pacific Lumber Co.
Permutit Co.
Rathbun Co.
Skasol Corp.
Stiles Karlsonite Corp.
Veri Products Co.
Virginia Chemicals & Smelting Co.
Vulcan Laboratories
Wallace & Tiernan, Inc.
Worth Chemical Products Co.

Chillers, Liquid, Under 5 Hp.

Acme Industries, Inc.
Addison Products Co.
American Astro-Systems, Inc.
Arkla Air Conditioning Co.
Atlas Engineering Corp.
Bar-Ray Products, Inc.
Brown Products Corp., A
Crane Co., Plumbing, Heating & Air Conditioning Group
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div.
Dunham-Bush, Inc.
Edwards Engineering Corp.
Esco Cabinet Co.
Forston Co.
Heat-X, Inc.
Heat Controller, Inc.
Heat Exchangers, Inc.
Industrial Refrigeration Co., Inc.
Koch Sons, Inc., George
Kritzer Products Div.
Peerless of America, Inc.
Precision Heat Exchanger Co., Inc.
Remcor Products Co.
Temprite Products Corp.
Therm-Air Mfg. Co.
Typhoon Heat Pump
Vic Mfg. Co.
Vikimatic, Inc.
Weatherking of Florida
Webber Mfg. Co., Inc.
Welbilt Air Conditioning & Heating Corp.
Western Supply Co., Mfg. Div.
York Div.

Chillers, Liquid, 5 Hp.-15 Hp.

Acme Industries, Inc.
Addison Products Co.
Airtemp Div.
American Astro-Systems, Inc.
Arkla Air Conditioning Co.

(Continued)

Acid Corrosion "wears" out refrigeration parts fast

Control moisture and corrosion with PA® 400

Today, of course, the refrigeration engineer, mechanic, or manufacturer would probably agree that PA 400 is the one best desiccant for the control of moisture and its by-product, acid, in refrigeration systems. PA 400 effectively drops moisture levels in refrigerant gases to less than 10 parts per million . . . its full flow filtering action captures scale, sludge and foreign matter as small as 1 micron. PA 400 is the refrigeration man's best ally in the battle against acid corrosion. PA 400 effectively holds acids in the desiccant . . . and removes acids if they have already formed. If you are not now using Davison PA 400 for efficient dehydration in your refrigeration equipment, write Dept. 7862 for full information.

GRACE

DAVISON CHEMICAL

BALTIMORE 3, MARYLAND

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Astro Products Corp.
Atlas Engineering Corp.
Bell & Gossett Co.
Brown Products Corp., A.
Carrier Air Conditioning Co.
Crane Co., Plumbing, Heating & Air Conditioning Group
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div.
Curtis Mfg. Co.
Dunham-Bush, Inc.
Edwards Engineering Corp.
Forston Co.
Frick Co.
Heat Controller, Inc.
Heat-X, Inc.
Industrial Refrigeration Co., Inc.
Koch Sons, Inc., George
Kritzer Products
Patterson-Kelley Co., Inc.
Peerless of America, Inc.
Precision Heat Exchanger Co., Inc.
Schnacke, Inc.
Therm-Air Mfg. Co.
Typhoon Heat Pump Div.
United States Air Conditioning Corp.
Vic Mfg. Co.
Weatherking of Florida
Webber Mfg. Co., Inc.
Welbilt Air Conditioning & Heating Corp.
Western Supply Co., Mfg. Div.
Westinghouse Electric Corp., Air Conditioning Div.
Worthington Corp.
York Div.

Chillers, Liquid, Over 15 Hp.

Acme Industries, Inc.
Airtemp Div.
American Air Filter Co., Inc.
American Astro-Systems, Inc.
American-Standard Industrial Div.
Arkla Air Conditioning Co.
Armstrong Co., Richard M.
Astro Products Corp.
Atlas Engineering Corp.
Bell & Gossett Co.
Brown Products Corp., A.
Carrier Air Conditioning Co.
Crane Co., Plumbing, Heating & Air Conditioning Group
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div.
Curtis Mfg. Co.
Dialatemp, Inc.
Drayer-Hanson
Dunham-Bush, Inc.
Forston Co.
Frick Co.
Governair Corp.
Heat-X, Inc.
Industrial Refrigeration Co., Inc.
Ingersoll-Rand Co.
Koch Sons, Inc., George
Kritzer Products
Niagara Blower Co.
Patterson-Kelley Co., Inc.
Peerless of America, Inc.
Precision Heat Exchanger Co., Inc.
Ready-Power Co.
Schnacke, Inc.
Statham-Swearingen, Inc.
Therm-Air Mfg. Co.
Trane Co.
Typhoon Heat Pump
United States Air Conditioning Corp.
Vilter Mfg. Co.
Waukesha Motor Co.
Weatherking of Florida
Webber Mfg. Co., Inc.
Welbilt Air Conditioning & Heating Corp.
Westinghouse Electric Corp., Air Conditioning Div.
Worthington Corp.
York Div.

Clamps, Pipe Repair

Aeroquip Corp., Industrial Div.
General Controls Co.
Ritter Pattern & Casting Co., Inc.
Skinner Co., M. B.
Victaulic Co. of America

Clutches, Magnetic

Cutler-Hammer, Inc.
Eaton Mfg. Co., Heater Div.
Warner Electric Brake & Clutch Co.

Coils, Chilled or Hot Water

Acme Industries, Inc.
Airtemp Div.
American Air Filter Co., Inc.
American-Standard Industrial Div.
American Tube & Controls, Inc.
Astro Products Corp.
Bohn Aluminum & Brass Corp., Danville Div.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Coolenheat, Inc.
Crane Co., Plumbing, Heating & Air Conditioning Group
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div.
Drayer Hanson
Dunham-Bush, Inc.
Edwards Engineering Corp.
Embassy Industries, Inc.
Frick Co.
Frigid Coil
G & O Mfg. Co.
Halstead & Mitchell Co.
Hastings Air Conditioning Co., Inc.
Hastings Air Control, Inc.
Howe Ice Machine Co.
Larkin Coils, Inc.
Magic Aire Div.
Peerless of America, Inc.
Perfex Corp.
Recold Corp.
Refrigeration Appliances, Inc.
Rempe Co.
Rigidbilt, Inc.
Roessing Mfg. Co.
Rome Turney Radiator Co.
Russell Coil Co.
Sheldons Mfg. Corp.
Silco Products, Inc.
Super Radiator Corp.
Temtrol, Inc.
Tenney Engineering, Inc.
Thermal Engineering Corp.
Trane Co.
United Electric Co.
United States Air Conditioning Corp.
Vilter Mfg. Corp.
Western Supply Co., Mfg. Div.
Witt Co., Inc., A. H.
Worthington Corp.
York Div.
Young Radiator Co.

Coils, Finned

D—Direct Expansion; S—Steam)

Acme Industries, Inc. (D, S)
Airtemp Div. (D)
American Air Filter Co., Inc. (D, S)
American-Standard Industrial Div. (S)
American Tube & Controls, Inc.
Astro Products Corp. (D, S)
Bohn Aluminum & Brass Corp., Danville Div. (D, S)
Brazeway, Inc. (D)
Buffalo Forge Co. (D, S)
Carrier Air Conditioning Co. (D, S)
Coolenheat, Inc. (D, S)
Crane Co., Plumbing, Heating & Air Conditioning Group (D, S)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (D, S)

(Continued)

Acme Air Conditioning for Comfort Cooling
Refrigeration for Process Cooling

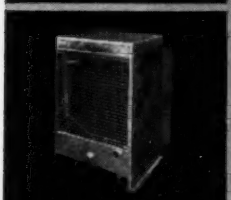
COMPLETE SYSTEMS • PACKAGES • COMPONENTS

RG Flow Cold Packaged Water Chillers—3 through 30 tons

HE Flow Therm Packaged Water Chillers—20 through 125 tons

DE Flow Therm Packaged Water Chillers—20 through 125 tons

HHD Packaged Liquid Chillers—60 through 250 tons


AJT Flow Cold Cooling Towers—5 through 10 tons

AST Econ-O-Mizer Cooling Towers—20 through 120 tons

AT Flow Mizer Cooling Towers—20 through 100 tons

Flow Mizer Evaporative Condensers—10 through 110 tons

Remote Room Conditioners—4 types—16 models—200 to 600 cfm

Air Handlers—37 unit types—14 sizes—600 to 48,000 cfm

ASC Packaged Air Conditioners—5 models—air or water cooled—3 to 15 tons

PAC Packaged Air Conditioners—air, evap. condenser or water cooled—20 to 60 tons

Acme offers, too, a full line of matched, advanced design components for built up systems . . . .

Direct Expansion Coolers 1 to 300 tons • Liquid Receivers 3 to 150 tons
Shell and Tube Condensers 1½ to 700 tons • Water and Steam Coils
Shell and Coil Condensers ¾ to 10 tons • Direct Expansion Coils
Air Cooled Condensers 3 to 100 tons • Heat Exchangers 3 to 150 tons
Oil Separators 5 to 100 horsepower

Call your Acme Sales Engineer for complete details

Acme INDUSTRIES, INC. JACKSON, MICHIGAN • GREENVILLE, ALABAMA

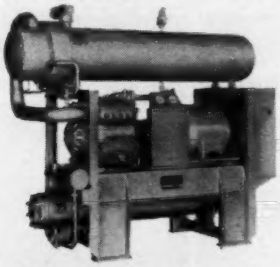
Manufacturers of Quality Air Conditioning and Refrigeration Equipment Since 1919

See complete addresses in Alphabetic Section, page 25

"PACKAGES" OR COMPONENTS

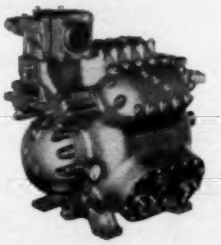
FOR REFRIGERATION AND AIR CONDITIONING SYSTEMS

B&G Refrigeration and Air Conditioning products—finest money can buy—will perform dependably, economically, for years. All major parts are designed, built and guaranteed by B&G . . . *a single responsibility for satisfactory operation!*



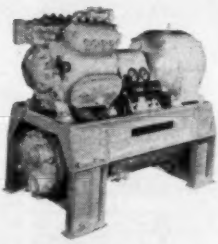
B&G Package Liquid Coolers

Compact, economical, long-lived; many exclusive features. Capacities from 7½ to 150 tons.



B&G Compressor

Basically simpler, basically superior. Precision built: efficient, vibration-free. 7½ to 150 tons.



B&G Condensing Unit

Completely capacity engineered by B&G. Rugged construction, long-lived. 7½ to 150 tons.

B&G Condensers

Light, compact, easily installed and moved. ASME construction. Sizes 2 to 200 tons.

B&G Suction Line Heat Exchangers

Aids thermal expansion valve operation, prevents liquid slugging. ASME built and stamped.

B&G Evaporators

Finned tube design triples heat transfer; numerous additional features for economy, efficiency. ASME built and stamped.

B&G Liquid Receivers

For Freon-12, Freon-22 or Ammonia. Aid pump-down, smooth expansion valve operation. ASME built.

B&G Centrifugal Pumps

Numerous design features set these B&G Pumps apart; notably quiet operation fits them ideally for refrigeration and air conditioning systems. "Remite" mechanical seal is harder than glass, wear-proof—assures leak-proof seal. Can be serviced without removal from line. Capacities to 1500 GPM, heads to 420 feet.

Send for complete file of specifications and application data on B&G Air Conditioning and Refrigeration Equipment

BELL & GOSSETT
COMPANY
Dept. GX-59, Morton Grove, Ill.

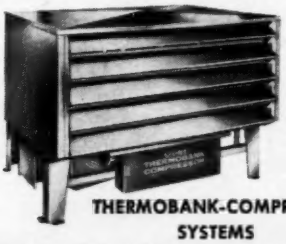
Canadian Licensee: S.A. Armstrong, Ltd., 1400 O'Connor Drive, Toronto, Ontario

KRAMER

OUTDOOR CONDENSING UNITS

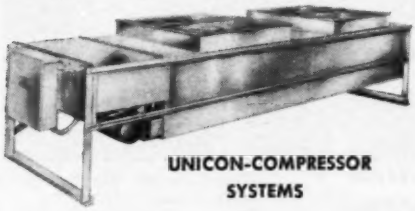
1 to 75 H. P.

The only refrigeration system that is specifically designed to operate outdoors in any climate without seasonal adjustment. Completely instrumented, factory tested and run-in.



THERMOBANK-COMPRESSOR SYSTEMS

Complete, instrumented systems (high side and low side) for −30° to +40°.



UNICON-COMPRESSOR SYSTEMS

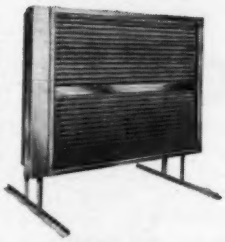
For air conditioning. Complete, instrumented systems (high side and low side).

"X" TYPE CONDENSING UNITS — for supermarkets, warehouses, etc.

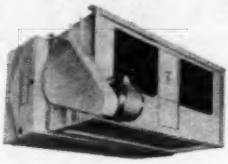
●●●●●●●●●●●●

KRAMER THERMOBANK
The fastest, most perfected, time tested, automatic, re-evaporative hot gas defrost equipment on the market today. There is no equal.

KRAMER THAW. Modern hot gas defrost equipment for application where low first cost is the major factor.

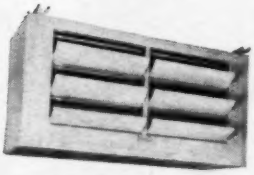


UNICON
For unlimited tonnage. Efficient, air cooled, remote type condenser. Winterstated for fully automatic year 'round performance.

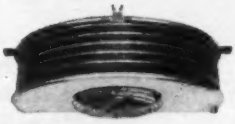


AIR HANDLING UNITS
Full range of sizes from 1,200 to 24,000 CFM.

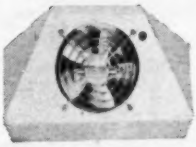
COILS for original equipment manufacturers in a wide range of sizes, fin spacings and tube centers.



COOLMASTER
2,500 to 60,000 BTU/hr.



CURVETTE
800 to 30,000 BTU/hr.



WEDGE UNITS
1,000 to 5,000 BTU/hr.

COIL AND BAFFLE COMBINATIONS
Full range of stock sizes.

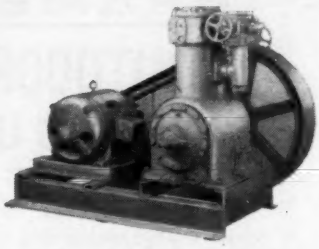
KRAMER TRENTON CO. • Trenton 5, N. J.

47 YEARS OF CONTINUOUS ACHIEVEMENT IN HEAT TRANSFER

For specific product listings, see Alphabetic Cross Index at back of Directory

YOUR BEST SINGLE SOURCE FOR
REFRIGERATION COMPONENTS

HOWE's custom-order fabrication shop is especially set up to produce quality components, both ammonia and Freon, that meet exact industry requirements. Pressure vessels are built to ASME standards. Shop flexibility gives you volume quantity prices on small quantity purchases, along with deliveries that meet your schedules. Consult Howe today — no obligation.



SIZES—5 to 150-ton capacity

HOWE ICE MACHINE CO.
2821-A MONTROSE AVENUE • CHICAGO 18, ILLINOIS
Write for Literature • Distributors in Principal Cities

(Continued)

Drayer-Hanson (D, S)
Dunham-Bush, Inc. (D, S)
Eaton Mfg. Co., Heater Div. (D)
Edwards Engineering Corp.
Embassy Industries, Inc. (D, S)
Frick Co. (D)
Frigid Coil (D, S)
G & O Mfg. Co. (S)
Halstead & Mitchell Co. (D, S)
Hastings Air Conditioning Co., Inc. (D, S)
Hastings Air Control, Inc. (D, S)
Howe Ice Machine Co. (D)
Larkin Coils, Inc. (D, S)
Magic Aire Div. D)
Marlo Coil Co. (D, S)
McCord Corp. (D, S)
McQuay, Inc. (D, S)
Melchior, Armstrong, Dessau, Inc. (D)
Merchant & Evans Co. (S)
Muncie Gear Works, Inc. (D)
Peerless of America, Inc. (D)
Perfex Corp. (D, S)
Recold Corp. (D, S)
Refrigeration Appliances, Inc. (D, S)
Rempe Co. (D, S)
Rigidbilt, Inc. (D, S)
Rome Turney Radiator Co.
Rudy Mfg. Co. (D, S)
Russell Coil Co. (D, S)
Sheldons Mfg. Corp. (D, S)
Silco Products, Inc. (D, S)
Super Radiator Corp. (D, S)
Temtrol, Inc. (D, S)
Tenney Engineering, Inc. (D, S)
Thermal Engineering Corp. (D, S)
Trane Co. (D, S)
United Electric Co. (D, S)
United States Air Conditioning Corp. (D, S)
Vilter Mfg. Co. (D)
Vulcan Radiator Co.
Wall Tube & Metal Products Co.
Western Supply Co., Mfg. Div. (D)
Westinghouse Electric Corp. Air Conditioning Div. (D, S)
Witt Co., Inc., A. H. (D, S)
Worthington Corp. (D, S)
York Div. (D, S)
Young Radiator Co. (D, S)
Yula Corp. (D)

Coin Meters

A.B.T. Mfg. Corp.
International Register Co.

Combustion Chambers, Pre-Formed

Boston Machine Works Co.
Hastings Air Conditioning Co., Inc.
Wilson, Inc., Grant

Compressors, Ammonia

Aircraft Production Engineers
Chip Ice Corp.
Creamery Package Mfg. Co.
Frick Co.
Howe Ice Machine Co.
Ingersoll-Rand Co.
Paxton-Mitchell Co.
Reliance Refrigerating Machine Co.
Schnacke, Inc.
Vilter Mfg. Co.
Worthington Corp.
York Div.

Compressors, Automobile Air Conditioner

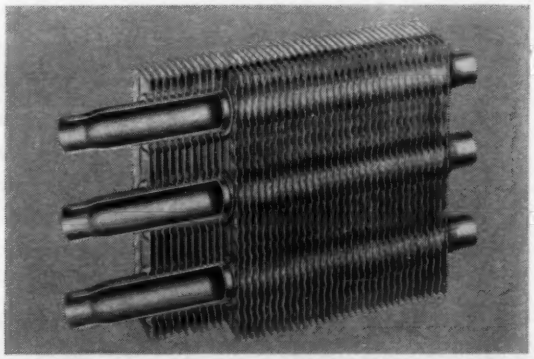
Tecumseh Products Co.
York Div.

Compressors, Centrifugal

Airtemp Div.
American-Standard Industrial Div.
Carrier Air Conditioning Co.
Elliott Co.
Garrett Corp.
Ingersoll-Rand Co.
Joy Mfg. Co.
Trane Co.
Westinghouse Electric Corp., Sturtevant Div.
Worthington Corp.
York Div.

Compressors, Hermetic

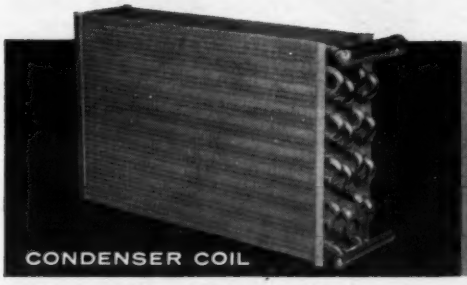
Airtemp Div.
American-Standard Industrial Div.
Bendix-Westinghouse Automotive Air Brake Co.
Carrier Air Conditioning Co.
Copeland Refrigeration Corp.
Curtis Mfg. Co.
Danfoss, Inc.
Great Lakes Mfg. Co.
Sprague Engineering Corp.
Tecumseh Products Co.
Trane Co.
Westinghouse Electric Corp., Air Conditioning Div.
Whirlpool Corp.
Worthington Corp.
York Div.

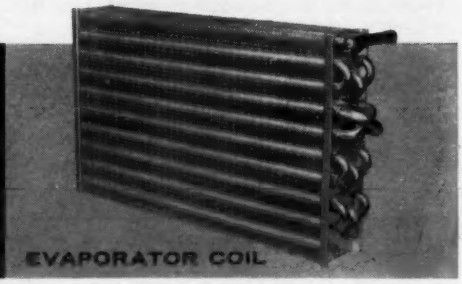


the best coils make the

McQuay Means Quality

BEST PRODUCTS





custom engineered for your product

McQuay coils—custom designed and engineered specifically for your product—are made of the finest quality material, manufactured in the most modern production facilities and completely inspected to assure a trouble free coil in your product. No one can match the built-in quality, the engineering-manufacturing excellence and the consistent performance of McQuay coils.

More air conditioning units operate with McQuay Rippled Fin Coils than any other make. The industry standards of today and tomorrow are set at McQuay.

Sample coils for test are available at nominal cost. For more information, see your McQuay representative, or write to McQuay, Inc., 1600 Broadway N. E., Minneapolis 13, Minn.

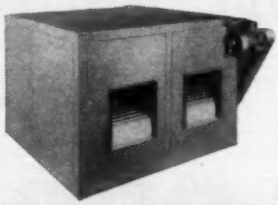
McQuay INC.

AIR CONDITIONING · HEATING · REFRIGERATION

See complete addresses in Alphabetic Section, page 25

HAVE YOU NOTICED HOW COMPLETE OUR PRODUCT LINE IS?

AIR HANDLERS · 880 to 47,500 CFM



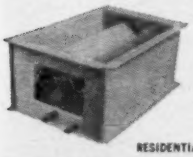
Suspended or floor mounted types. Space within cabinet for up to 12 rows of coil depth. Coil face areas from 2 to 68 square feet. Write for Bulletin AHU-100.

FINNED COILS with Turbu-Flo Fins

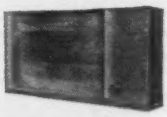
All types. Available with 6, 7, 8 or 10 fins per inch, aluminum or copper, on seamless copper tubing. Finned heights of 12 to 36 inches; finned lengths up to 10 feet; coil depth, 1 to 8 rows. Write for literature.

WATER COILS (Chilled or Hot)

DIRECT EXPANSION COILS



RESIDENTIAL AIR CONDITIONING COILS

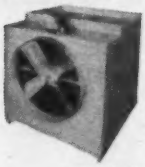


NON-FREEZE STEAM COILS

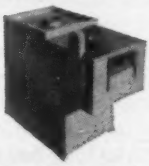
STANDARD STEAM COILS

COOLING TOWERS with an exclusive 20-YEAR GUARANTEE

Only H & M cooling towers with pressure-creosoted wood fill offer a 20-Year Guarantee on the wetted deck surface against failure due to rotting or attack by fungus. Standard or Take-Apart models. Write for literature.



PROPELLER FAN MODELS 5 to 150-TONS

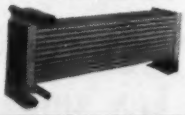


CENTRIFUGAL FAN MODELS 5 to 30-TONS

WATER-COOLED CONDENSERS

Cleanable mechanically, safely

Double-tube design, seamless copper tubing for true counter-flow and greater sub-cooling. Removable headers. ½ to 25-tons. Write for literature.



Ask your wholesaler for more information or write Halstead & Mitchell Co., Bessemer Building, Pittsburgh 22, Pa.

HM Halstead & Mitchell

AIR-COOLED CONDENSERS with wide-spaced finned coils

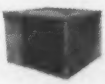
Turbu-Flo fins are spaced wide to minimize clogging by airborne dust and dirt. Wide selection of types and sizes. Write for Bulletin AC-102.

PROPELLER FAN MODELS

Horizontal Air Flow 3 to 100-tons

Vertical Air Flow 5 to 100-tons

CENTRIFUGAL FAN MODELS



Residential Type 2 to 7½-tons

Commercial Type 10 to 30-tons

THERE'S A YORK COMPRESSOR AND CONDENSING UNIT FOR EVERY JOB!

More and more original equipment manufacturers are turning to York as a prime source for expertly designed and precision built compressors and condensing units.

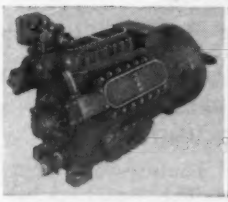
The reason? York is the experienced manufacturer . . . backed by Borg-Warner research and engineering.

An example: York and Borg-Warner have teamed-up to produce the quality compressor for automotive use. A midget in size (only 5" x 8"), this unit packs enough capacity to cool a large home! York, in fact, is the largest independent manufacturer of such compressors.

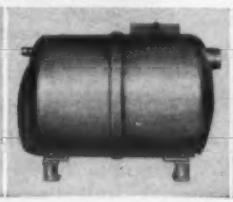
Specify York, the experienced manufacturer of compressors and related equipment. Choose from the complete York line of standard units—or have York engineer a special model for your requirements.

For complete facts, write O.E.M. Sales Division, York Corporation, York, Pennsylvania.

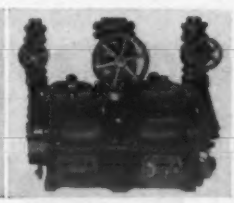
Backed by 76 years of experience!



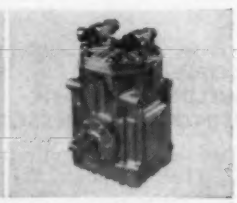
Hermetic Compressors, 10 to 45 tons



Horizontal Model, 1½ HP to 8¾ HP



Belt or direct driven V/W Compressors, 5 to 200 tons



York Automotive Compressor

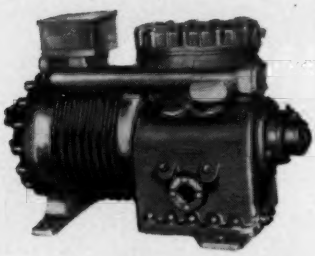
YORK CORPORATION
Subsidiary of Borg-Warner Corp.
YORK, PENNSYLVANIA

For specific product listings, see Alphabetic Cross Index at back of Directory

SINCE 1918

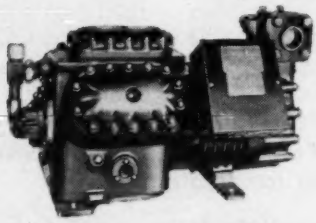
Copeland REFRIGERATION CORPORATION, Sidney, Ohio

A COMPLETE LINE OF PERFORMANCE-PROVED MOTOR-COMPRESSORS, BELT-DRIVEN COMPRESSORS AND CONDENSING UNITS:



FAMOUS COPELAMETIC MOTOR-COMPRESSORS

Accessible hermetics . . . air-cooled, water-cooled, suction-cooled . . . ¼ H.P. through 10 H.P.

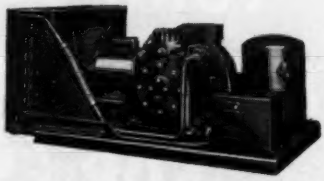


NEW, LARGER COPELAMETIC MOTOR-COMPRESSORS

Four and six-cylinder accessible hermetics . . . 7½ H.P. through 30 H.P.

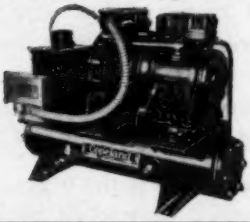
COPELAWELD WELDED HERMETIC MOTOR-COMPRESSORS

Two and four cylinders, ½ H.P. through 5 H.P. . . . Space Savers, ⅛ H.P. through ⅓ H.P.



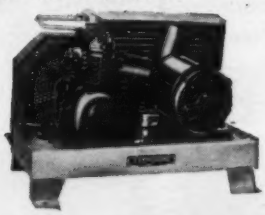
COPELAMETIC AIR-COOLED CONDENSING UNITS

New compact design . . . ¼ H.P. through 5 H.P. Space Savers, ⅛ H.P. through ⅓ H.P. Also truck-type units.



COPELAMETIC WATER-COOLED CONDENSING UNITS

. . . new compact design . . . ¼ H.P. through 7½ H.P. Also air and water-cooled combinations.



BELT-DRIVEN COMPRESSORS AND CONDENSING UNITS

A complete line of compressors, condensing units, air-cooled, water-cooled and combinations . . . ¼ H.P. through 7½ H.P. Also truck-type units.

Write for specifications and technical data

engineering in touch with the industry's pulse

In the fast moving fields we serve, product design and engineering must be sensitive to the *real* trends of the market. The fact that Tecumseh has been able to interpret correctly and anticipate these demands, is due to the exceptionally close-working cooperation we receive from the leaders in the industry . . . our customers. This teamwork has resulted in many product advancements which have been widely incorporated throughout the air conditioning and refrigeration industries; mass-produced hermetics, wider adaptability of R-22, space-saving Pancakes and T-line compressors, high-speed and low-current models, and anti-slugging protection, to name a few. This advanced engineering capability will continue to be at your service. We invite you to take advantage of it.

forty three million compressors in the field

TECUMSEH PRODUCTS COMPANY

MARION, OHIO
TECUMSEH, MICHIGAN

CANADA: Tecumseh Products of Canada, Limited, 185 Ashland Ave., London, Ont.
FOREIGN OPERATIONS DIVISION: Tecumseh, Michigan

See complete addresses in Alphabetic Section, page 25

Compressors, Semi-Hermetic

Airtemp Div.
Brunner Div.
Carrier Air Conditioning Co.
Copeland Refrigeration Corp.
Curtis Mfg. Co.
Dunham-Bush, Inc.
Great Lakes Mfg. Co.
Schnacke, Inc.
United States Air Conditioning Corp.
Westinghouse Electric Corp., Air Conditioning Div.
Worthington Corp.
York Div.

Compressors, Reciprocating, Open

Airtemp Div.
American-Standard Industrial Div.
Bell & Gossett Co.
Blissfield Mfg. Co.
Brunner Div.
Carrier Air Conditioning Co.
Copeland Refrigeration Corp.
Curtis Mfg. Co.
Dunham-Bush, Inc.
Frick Co.
Howe Ice Machine Co.
Ingersoll-Rand Co.
Joy Mfg. Co.
Lehigh Mfg. Co.
Multiplex Mfg. Co., Inc.
Paxton-Mitchell Co.
Ready-Power Co.
Reliance Refrigerating Machine Co.
Schnacke, Inc.
Tecumseh Products Co.
Trane Co.
United States Air Conditioning Corp.
Vilter Mfg. Co.
Worthington Corp.
York Div.

Compressors, Rotary, Open

Frick Co.
Ingersoll-Rand Co.
Vilter Mfg. Co.
York Div.

Condensate Disposal Units

Eddington Metal Specialty Co.
Kesco Products Corp.
March Mfg. Co., Inc.
Skuttle Mfg. Co.
Sterling, Inc.

Condenser Manifolds & Headers

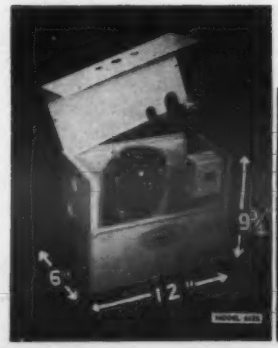
Capitol Refrigeration, Inc.
Elkhart Products Corp.
Frick Co.
McMillan Heat Pumps, Inc.
Super Radiator Corp.

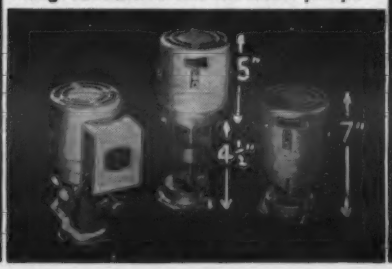
Condensers, Air-Cooled

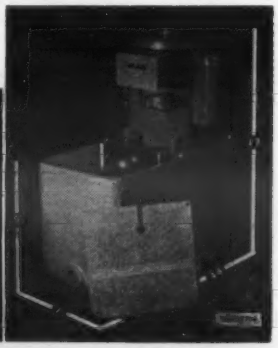
Acme Industries, Inc.
Air Conditioning Industries, Inc.
American-Standard Industrial Div.
Astro Products Corp.
Bar-Brook Mfg. Co.
Belt-Ice Corp.
Blazer Corp.
Bohn Aluminum & Brass Corp., Danville Div.
Brazeway, Inc.
Brown Products Corp., A.
Buffalo Forge Co.
Capitol Refrigeration, Inc.
Carrier Air Conditioning Co.
Cobell Industries, Inc.
Coleman Co., Inc.
Coolenheat, Inc.
Crane Co., Plumbing, Heating & Air Conditioning Group
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div.
Curtis Mfg. Co.
Dean Products, Inc.
Dialatemp, Inc.
Drayer-Hanson
Drying Systems Co.
Dunham-Bush, Inc.
Edwards Engineering Corp.
Fedders Corp.
Forston Co.
Frigid Coil
G & O Mfg. Co.
Garrett Corp.
Gascool Div.
General Fittings Co.
Goodfellow Co., Inc., E. D.
Governair Corp.
Halstead & Mitchell Co.
Heat Controller, Inc.
Hupp International Div.
Iron Fireman Mfg. Co.
Johnson Tank & Tower
Karmazin Products Corp.
Kirsch Co., Refrigeration Div.
Kramer Trenton Co.
Larkin Coils, Inc.
Lennox Industries, Inc.
Magic Aire Div.
Marley Co.
Marlo Coil Co.
McCord Corp.
McMillan Heat Pumps, Inc.
McQuay, Inc.
Modine Mfg. Co.
Multiplex Mfg. Co., Inc.
Muncie Gear Works, Inc.
Patten Co., J. V.
Perfection Div.
Perfex Corp.
Quincy Products Co.
Recold Corp.
Refrigeration Appliances, Inc.
Reliance Refrigerating Machine Co., Inc.

(Continued)

Kesco Products Corp.
Jamaica 13, N. Y.
Mfg. condensate and ice maker pumps







will ship to you

Rudy is a manufacturer's manufacturer exclusively. Rudy will design, produce and deliver to you the highest quality condensers and evaporators from the most integrated and extensive facilities in the industry. And Rudy leads with advanced developments. Start using these facilities *now*.

RUDY®

MANUFACTURING COMPANY

DOWAGIAC, MICHIGAN

Phone State 2-2141 Teletype 03

For specific product listings, see Alphabetic Cross Index at back of Directory

KARMAZIN

nested-fin condensers provide maximum heat transfer efficiency

Karmazin nested-fin condensers are made with integral fin-type construction—transfer more BTU's per cubic inch of core. Tubes are precision formed from the fins with the usual mechanical joint between fin and tube completely eliminated. Fins never can come loose because of vibration, impact, thermal shock or pressures. Corrugations inside the tubes agitate the refrigerant for extra efficiency.

- ★ nested-fin construction—all steel, hydrogen copper brazed
- ★ leak tested at 450 psi—F-12 and F-22 approved
- ★ consistent, efficient heat transfer—fins cannot come loose
- ★ free air flow design—uniform fin spacing
- ★ standard fin spacing—3 to 8 fins per inch
- ★ fins are one piece across the depth

Karmazin condensers (patented) are paint dipped and oven baked for inside applications; weather proof finishes are also available. Sizes range from 1/5 to 10 hp.

5653

PATENTED AND PATENTS PENDING

vital statistics of Karmazin condensers—

PART NUMBER	CAPACITY HP.	CORE DIMENSIONS			TOTAL SURFACE AREA—SQ. FT.	WEIGHT
		THICK.	HEIGHT	LENGTH		
51200	1/5	2	9	9	15.0	4.5
51210	1/4	2	10	11-1/4	16.6	5.0
40200	1/4	2	10	10-3/4	16.1	5.0
51220	1/3	2	10	11-1/4	19.3	5.5
40300	1/3	3	10	10-3/4	24.4	8.0
50500	1/2	4	10	11-1/4	33.8	11.0
40500	1/2	4	10	10-3/4	31.9	10.5
40510	1/2	4	10	14-7/8	45.6	14.0
40520	1/2	4	12	12-5/8	44.7	14.0
31500	1/2	4	10	11	33.3	11.0
40750	3/4	4	14	14-1/2	62.1	19.0
40760	3/4	4	10	19	58.8	18.8
30510	3/4	4	12	13-7/8	43.8	14.0
40800	1	4	12	23	86.1	23.0
40950	1	6	12	14-1/2	78.6	24.5
32930	1	4	16	17-5/32	85.0	24.0
32900	1	4	12	23	86.1	23.0
40910	1-1/2	4	14	29	127.0	35.0
40970	1-1/2	5	16	19-1/8	116.0	36.0
30910	1-1/2	3	18	22-1/2	93.8	27.6
31920	1-1/2	4	14	27	118.3	34.0
40920	2	6	14	29	189.5	50.0
40940	2	7	16	19-1/8	163.6	55.0
30920	2	4	18	22-1/2	125.8	35.0
32920	2	4	24	13	100.5	28.0
40930	3	6	16	38	286.1	80.0
41200	3	6	18	38	323.1	90.0
30930	3	6	18	22-1/2	187.7	55.0
33900	3	6	18	31-3/8	345.6	90.0
41520	5	6	22	42	436.9	120.0
41530	7-1/2	8	22	42	585.1	160.0

The list of Karmazin condenser users reads like the Refrigeration and Air Conditioning Blue Book. Better investigate the possibilities today—*write for complete information.*

KARMAZIN
Products Corporation

3776 11TH ST. • WYANDOTTE, MICHIGAN

See complete addresses in Alphabetic Section, page 25

(Continued)

Rempe Co.
Rudy Mfg. Co.
Russell Coil Co.
S & R Soda Fountain Mfg. Co., Inc.
Safety Electrical Equipment Corp.
Silent Automatic Products
Super Radiator Corp.
Tempromatic Corp.
Temtrol, Inc.
Texas Products Mfg. Co.
Therm-Air Mfg. Co.
Thermal Engineering Corp.
Trane Co.
Tubenfin Coils
Tyler Refrigeration Corp.
United Electric Co.
United States Air Conditioning Corp.
Vikimatic, Inc.
Wall Tube & Metal Products Co.
Welbilt Air Conditioning & Heating Corp.
Western Supply Co., Mfg. Div.
Westinghouse Electric Corp., Air Conditioning Div.
Witt Co., Inc., A. H.
Worthington Corp.
Yuba-Aimco Div.

Condensers, Combination Air and Water-Cooled

Belt-Ice Corp.
Crane Co., Plumbing, Heating & Air Conditioning Group
Curtis Mfg. Co.
Dunham-Bush, Inc.
Garrett Corp.
Higgins Metal Products Co.
Hupp International Div.
Johnson Tank & Tower
McCord Corp.
McMillan Heat Pumps, Inc.
Refrigeration Appliances, Inc.
Reliance Refrigerating Machine Co., Inc.
Standard Refrigeration Co.
Super Radiator Corp.
Therm-Air Mfg. Co.
Trane Co.
Tyler Refrigeration Corp.
United States Air Conditioning Corp.
Wall Tube & Metal Products Co.
Worthington Corp.

Condensers, Evaporative

Acme Industries, Inc.
Aircraft Production Engineers
American Air Filter Co., Inc.
Baltimore Aircoil Co., Inc.
Belt-Ice Corp.
Blazer Corp.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Cobell Industries, Inc.
Crane Co., Plumbing, Heating & Air Conditioning Group
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div.
Curtis Mfg. Co.
Dialatemp, Inc.
Drayer-Hanson
Drying Systems Co.
Dunham-Bush, Inc.
Frick Co.
Frigid Coil
Governair Corp.
Halstead & Mitchell Co.
Havens Cooling Towers

(Continued)

BOOKS

on

AIR CONDITIONING • HEATING • REFRIGERATION
VENTILATING • MANAGEMENT • RELATED TOPICS

Technical books, service manuals, and management guides are valuable tools for the engineer, contractor, salesman, serviceman, and student. For your convenience Business News Publishing Co. has made arrangements to supply books of other publishers as well as those of its own imprint.

Many useful books are already available. New books are published frequently. So watch the weekly issues of AIR CONDITIONING, HEATING & REFRIGERATION NEWS for the latest information.

SEND YOUR ORDERS OR INQUIRIES TO

BUSINESS NEWS PUBLISHING CO.
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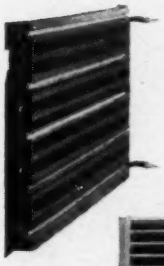
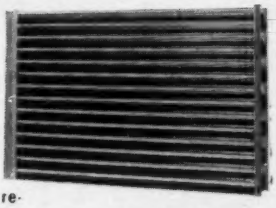
BOHN *full-rated products*

UNITARY COIL DEPARTMENT



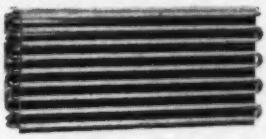
Custom-made with slotted fin face to receive tubular heaters.

FROST-FREE REFRIGERATOR EVAPORATOR COIL



Condensers to meet exacting requirements of dimension and capacity, ⅜, ½, and ⅝" O. D. tube.

AIR CONDITIONING CONDENSER COIL



AIR CONDITIONING EVAPORATOR COIL

Evaporators of maximum capacity in a minimum space ⅜, ½, and ⅝" O. D. tube.

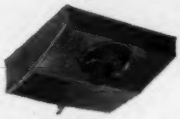
FREEZER EVAPORATOR COIL

Multiple fin spacing and a variety of tube patterns.

COMMERCIAL DEPARTMENT

LO-AIRE UNIT COOLER

For high humidity applications: generously sized coils with just a breath of air.



TOP-AIRE UNIT COOLER

Where space is important, this is the answer. In normal and low temperature models.

RADIAL-AIRE UNIT COOLER

Redesigned with quietness in mind. Up to 14,900 BTU/HR at 10° T. D.

AIR COOLED CONDENSER

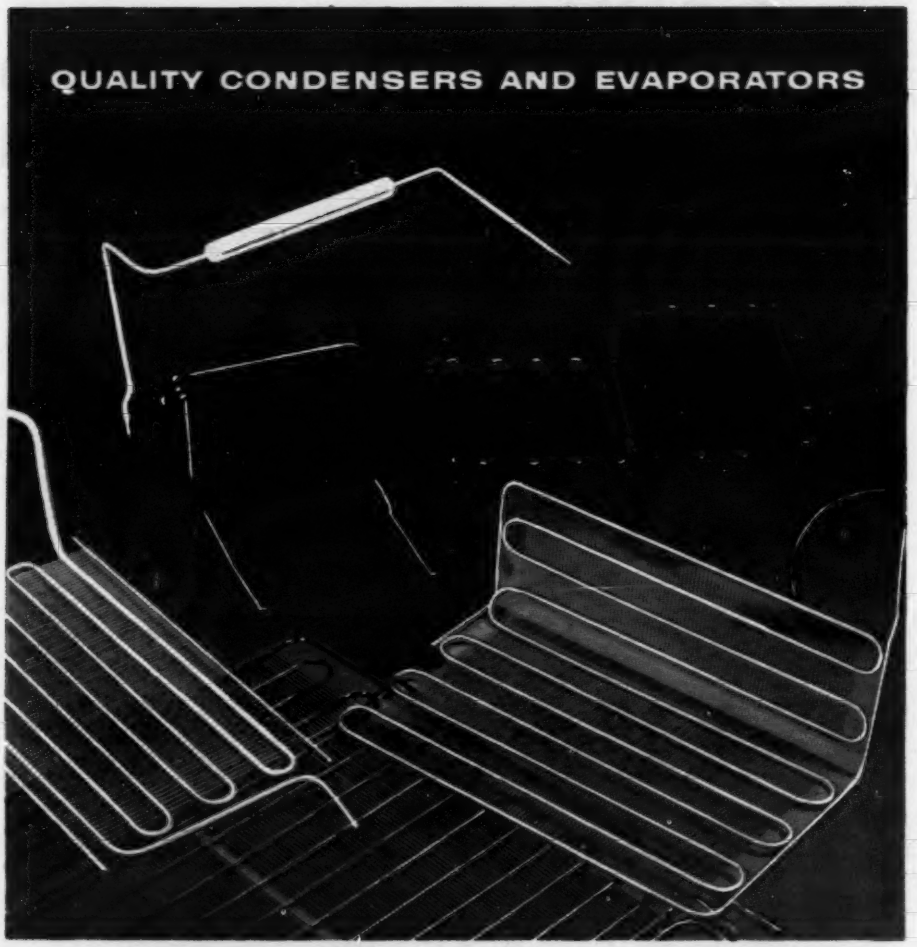
Two thru 60 ton capacities in horizontal and vertical air flow models—Limitizer pressure control systems.

BOHN *Buy the known line . . . the BOHN line*

ALUMINUM & BRASS CORPORATION

Danville Division • Danville, Illinois

For specific product listings, see Alphabetic Cross Index at back of Directory



Build dependability into your product with genuine WALL TUBE wire and tube condensers, evaporators and freezer shelves. Specializing in components for the refrigeration industry for more than 20 years.

WALL TUBE AND METAL PRODUCTS CO.

WALL TUBE

AND METAL PRODUCTS CO.

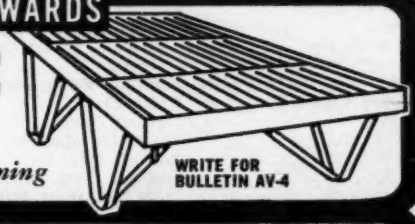
NEWPORT, TENNESSEE

ENGINEERED BY EDWARDS

AIRVEC

The completely silent Air Cooled Condenser

Never needs cleaning



WRITE FOR BULLETIN AV-4

WRITE FOR BULLETIN TT-653

WATER COOLED **COAXIAL CONDENSERS**

Domestic and sea water models

Reduce costs 40% . . . Reduce condenser water 35% . . . Reduce refrigerant charge . . . Stabilize capillary performance . . . Compact shapes.

MOTORIZED VALVES

For chilled water cooling systems and for heating systems . . . 100% positive shut-off . . . Compact . . . Low cost . . . Low Voltage . . . No current draw when open.

WRITE FOR BULLETIN MV-1

EDWARDS ENGINEERING CORP.

938-10 Alexander Ave., Pompton Plains, N. J.

TEmple 5-2808

"One of the nation's largest manufacturers of Residential and Commercial Boilers, Baseboard and Steel-Fin Radiation, Motorized Valves, Air and Water-Cooled Refrigerant Condensers."

See complete addresses in Alphabetic Section, page 25

(Continued)

Imeco, Inc.
Johnson Tank & Tower
Kohlenberger Engineering Corp.
Larkin Coils, Inc.
Marlo Coil Co.
McMillan Heat Pumps, Inc.
Niagara Blower Co.
Recold Corp.
Refrigeration Appliances, Inc.
Safety Electrical Equipment Corp.
Silco Products, Inc.
Super Radiator Corp.
Temtrol, Inc.
Therm-Air Mfg. Co.
Trane Co.
United States Air Conditioning Corp.
Vic Mfg. Co.
Vilter Mfg. Corp.
Wall Tube & Metal Products Co.
Worthington Corp.
York Div.

Condensers, Static

Brazeway, Inc.
Edwards Engineering Corp.
Kirsch Co., Refrigeration Div.
Quincy Products Co.
Rudy Mfg. Co.
Super Radiator Corp.
Therm-Air Mfg. Co.
Wall Tube & Metal Products Co.

Condensers, Water-Cooled, Co-Axial

Acme Industries, Inc.
Aircraft Production Engineers
Edwards Engineering Corp.
Frick Co.
Therm-Air Mfg. Co.
Trane Co.
Western Supply Co., Mfg. Div.

Condensers, Water-Cooled, Double Pipe

Belt-Ice Corp.
Carrier Air Conditioning Co.
Crane Co., Plumbing, Heating & Air Conditioning Group
Frick Co.
Halstead & Mitchell Co.
Heat-X, Inc.
Johnson Tank & Tower
Parker Fittings & Hose Div.
Roessing Mfg. Co.
Vilter Mfg. Corp.
York Div.

Condensers, Water-Cooled, Shell & Coil

Acme Industries, Inc.
American Air Filter Co., Inc.
American-Standard Industrial Div.
Belt-Ice Corp.
Carrier Air Conditioning Co.
Crane Co., Plumbing, Heating & Air Conditioning Group
Dunham-Bush, Inc.
Frick Co.
Garrett Corp.
Howe Ice Machine Co.
Lehigh Mfg. Co.
McCord Corp.
McMillan Heat Pumps, Inc.
Precision Heat Exchanger Co., Inc.
Refrigeration Research, Inc.
Reliance Refrigerating Machine Co.
Rempe Co.
Rome Turney Radiator Co.
Standard Refrigeration Co.
Therm-Air Mfg. Co.
Tube Manifold Corp.
United States Air Conditioning Corp.
Vic Mfg. Co.
Vilter Mfg. Corp.
Whitlock Mfg. Co.
York Div.

Condensers, Water-Cooled, Shell & Tube

Acme Industries, Inc.
Airtemp Div.
American Air Filter Co., Inc.
American-Standard Industrial Div.
Armstrong Co., Richard M.
Bell & Gossett Co.
Belt-Ice Corp.
Carrier Air Conditioning Co.
Crane Co., Plumbing, Heating & Air Conditioning Group
Curtis Mfg. Co.
Dersch, Gesswein & Neuert, Inc.
Dunham-Bush, Inc.
Foster Wheeler Corp.
Frick Co.
Garrett Corp.
General Fittings Co.
Heat-X, Inc.
Howe Ice Machine Co.
Hupp International Div.
Ingersoll-Rand Co.
Kohlenberger Engineering Corp.
Old Dominion Iron & Steel Corp.
Patterson-Kelley Co., Inc.
Perfex Corp.
Precision Heat Exchanger Co., Inc.
Reliance Refrigerating Machine Co.
Schnacke, Inc.
Standard Refrigeration Co.
Therm-Air Mfg. Co.
Trane Co.
United States Air Conditioning Corp.
Vilter Mfg. Corp.
Westinghouse Electric Corp., Air Conditioning Div.
Wheeler Mfg. Co., C. H.
Whitlock Mfg. Co.
Worthington Corp.
York Div.

Condensers, Wire and Tube

Anaconda American Brass Co.
Hupp International Div.
Quincy Products Co.
Revere Copper & Brass, Inc.
Rudy Mfg. Co.
United Wire & Supply Corp.
Wall Tube & Metal Products Co.

Condensing Units, Air Conditioning, Hermetic

(A—Air-Cooled; W—Water-Cooled)

Airtemp Div. (A,W)
Albion Div. (A)
American Air Filter Co., Inc. (W)
American-Standard, Air Conditioning Div. (A)
Armstrong Furnace Co. (A)
Astro Products Corp. (A,W)
Bar-Brook Mfg. Co. (A)
Bard Mfg. Co. (A)
Barkow Mfg. Co., Inc. Aug. G. (A,W)
Brown Products Corp., A. (A)
Brunner Div. (A,W)
Carrier Air Conditioning Co. (A,W)
Cobell Industries, Inc. (A,W)
Coleman Co., Inc. (A)
Copeland Refrigeration Corp. (A,W)
Crane Co., Plumbing, Heating & Air Conditioning Group (A,W)
Curtis Mfg. Co. (A,W)
Drying Systems Co. (A)

(Continued)

DEVELOPMENT & MANUFACTURING SPECIALISTS FOR HEAT TRANSFER PRODUCTS

With QUINCY Research, Engineering and New Test Laboratory you will be provided the right answers on condensers, freezer shelves and evaporators. Production flexibility is assured by processing the tubing from coils. Write or call us today!

PHONE ME 9-3715 TELETYPE 52

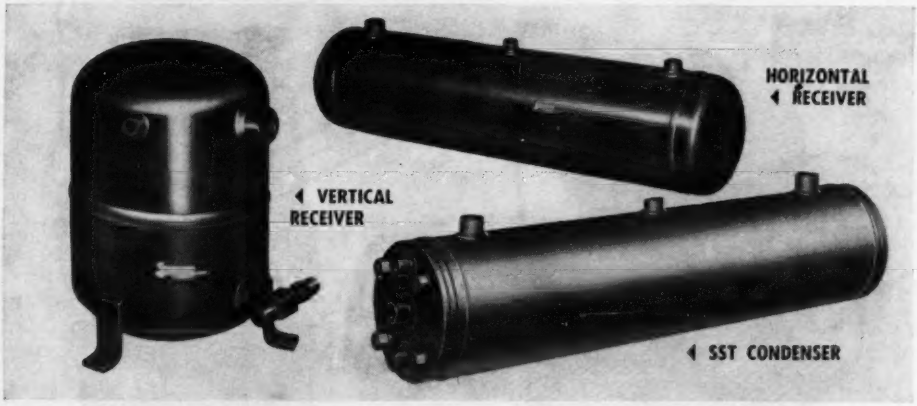
QUINCY PRODUCTS COMPANY
DIVISION OF STUBNITZ GREENE CORPORATION
QUINCY, MICHIGAN

For specific product listings, see Alphabetic Cross Index at back of Directory

STANDARD water-cooled CONDENSERS

1/4 H.P. to 30 H.P.

U.L. or A.S.M.E. tagged



and LIQUID RECEIVERS

STANDARD CONDENSERS and RECEIVERS are widely known for fine performance and dependability. *Rated capacities under all operating conditions.* Simplified and readable capacity charts available. Used as original equipment by leading manufacturers. Sold thru air conditioning and refrigeration wholesalers everywhere.

Write for our Catalog

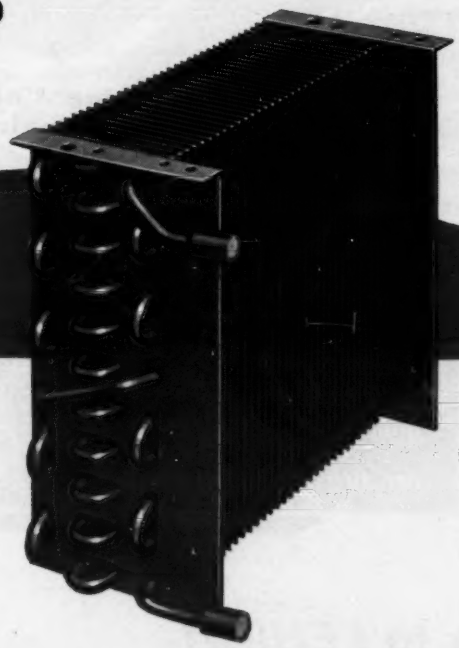
STANDARD REFRIGERATION COMPANY

3014 FILLMORE ST.
CHICAGO 12, ILL.

Manufacturers of LIQUID RECEIVERS, SHELL and TUBE, SHELL and COIL, and COUNTERFLOW CONDENSERS

National Distributor for Primore Rotalock Valves

FOR MAXIMUM HEAT TRANSFER EFFICIENCY LOOK TO Kirsch FOR PRODUCT AND HELP



FINNED TUBE CONDENSERS

Steel construction, copper coated and brazed in roller-hearth hydrogen brazing furnaces at 2050°F. to ensure complete bond between fin and tube. Baked-on top-grade black alkyd-resin enamel. Each unit protected ready to install.

● Depend on Kirsch for quality condensers and for assistance—as desired—from the Kirsch staff of experienced engineers and technicians. Whatever your heat transfer requirements, you'll get real help from Kirsch, all the way from original planning and design to final production. Call OLiver 1-2311 (Sturgis, Michigan) today to get *action*.

Kirsch REFRIGERATION DIVISION STURGIS, MICHIGAN

See complete addresses in Alphabetic Section, page 25

(Continued)

Dunham-Bush, Inc. (A,W)
Fedders Corp. (A)
Forston Co. (A)
Fraser & Johnston Co. (A,W)
Gaffers & Sattler (A)
Garrett Corp. (A)
Governair Corp. (A,W)
Great Lakes Mfg. Corp. (A,W)
Heat Controller, Inc. (A)
Heat-X, Inc. (A)
Higgins Metal Products Co. (W)
Holly-General Co. (A)
Iron Fireman Mfg. Co.
Janitrol Heating & Air Conditioning Div. (A)
Kramer Trenton Co. (A,W)
Lennox Industries, Inc. (A)
Mammoth Industries, Inc. (A)
McMillan Heat Pumps, Inc. (A,W)
McQuay, Inc. (A)
Meyer Furnace Co. (A,W)
Mueller Climatrol (A)
Patten Co., J. V. (A)
Payne Co. (A)
Rheem Mfg. Co. (A)
Schnacke, Inc. (A,W)
Silent Automatic Products
Supreme-Aire Mfg. Co. (A)
Tecumseh Products Co. (A,W)
Tempromatic Corp. (A,W)
Temtrol, Inc. (A)
Texas Products Mfg. Co. (A)
Therm-Air Mfg. Co. (A,W)
Trane Co. (A,W)
Typhoon Air Conditioning Div. (A,W)
United States Air Conditioning Corp. (A,W)
Vikimatic, Inc. (A,W)
Warren Co. (A,W)
Welbilt Air Conditioning and Heating Corp. (A,W)
Western Supply Co., Mfg. Div. (A, W)
Westinghouse Electric Corp., Air Conditioning Div. (A, W)
Worthington Corp. (A, W)
York Div. (A, W)
Yuba-Aimco Div. (A)

Condensing Units, Air Conditioning, Open

(A—Air-Cooled; W—Water-Cooled)

Airtemp Div. (A, W)
American-Standard, Air Conditioning Div. (A, W)
Astro Products Corp. (A, W)
Bell & Gossett Co. (W)
Blissfield Mfg. Co. (A, W)
Brunner Div. (A, W)
Cobell Industries, Inc. (A, W)
Copeland Refrigeration Corp. (A, W)
Crane Co., Plumbing, Heating & Air Conditioning Group (A, W)
Curtis Mfg. Co. (A, W)
Dunham-Bush, Inc. (A, W)
Forston Co. (A)
Frick Co. (A, W)
Garrett Corp. (A, W)
Gascool Div. (A, W)
Governair Corp. (A)
Henry Furnace Co. (A)
Higgins Metal Products Co. (W)
Lennox Industries, Inc. (A)
Olsen Mfg. Co., C. A. (A)
Ready-Power Co. (W)
Reliance Refrigerating Machine Co. (A, W)
Schnacke, Inc. (A, W)
Supreme-Aire Mfg. Co. (A)
Tecumseh Products Co. (A, W)
Therm-Air Mfg. Co. (A, W)
Trane Co. (A, W)
United States Air Conditioning Corp. (A, W)
Vic Mfg. Co. (W)

(Continued)

for those important "EXTRAS"...
lower cost—high quality—
prompt delivery

look to LEHIGH

Name your need—there's a Lehigh Condensing Unit that will fit it to a "T". Hermetics from 1/3 to 2 1/2 h.p. Open type from 1/4 h.p. to 7 1/2 h.p. Liquid receivers, too, 6" to 12" diameter, up to 60" long. And condenser receivers 1/2 to 5 h.p.

Tell us your requirements. You'll soon find it pays to rely on Lehigh.

LEHIGH

LEHIGH MANUFACTURING COMPANY,
Division of Lehigh, Inc., Easton, Pa.
Manufacturers of Hermetic and Open Type Condensing Units; Compressors; Receivers; Condenser Receivers.

cooled
by
PERFEX/CONAIR . . .

Prominent engineers and manufacturers of heat transfer products since 1911, assisting with your specific heating and cooling requirements.

A and V Frame Evaporator Sections
Heating and Cooling Coils
Refrigeration Coils
Evaporator Coils
Heat Dissipators

AIR COOLED CONDENSER

PERFEX CORPORATION
Heat Transfer Products
500 West Oklahoma Ave. Milwaukee 7, Wis.

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Vilter Mfg. Corp. (W)
Worthington Corp. (A, W)
York Div. (A, W)

Condensing Units, Commercial Refrigeration, Hermetic

(A—Air-Cooled; W—Water-Cooled)

Armstrong Furnace Co. (A)
Astro Products Corp. (A, W)
Bendix-Westinghouse Automotive Air Brake Co. (A, W)
Brunner Div. (A, W)
Carrier Air Conditioning Co. (A, W)
Coldin Cabinet Co., Inc. (A)
Copeland Refrigeration Corp. (A, W)
Curtis Mfg. Co. (A, W)
Drying Systems Co. (A)
Dunham-Bush, Inc. (A, W)
Forston Co. (A)
Friedrich Refrigerators, Inc. (A, W)
General Machine & Mfg. Co. (A, W)
Heat-X, Inc. (A)
Howe Ice Machine Co. (W)
Hussmann Refrigerator Co. (A, W)
Kramer Trenton Co. (A, W)
McQuay, Inc. (A)
Multiplex Mfg. Co., Inc. (A)
S & R Soda Fountain Mfg. Co., Inc. (A, W)
Savage Ice Cream Cabinet Div. (A, W)
Schnacke, Inc. (A, W)
Sprague Engineering Corp.
Tecumseh Products Co. (A, W)
Temtrol, Inc. (A)
Therm-Air Mfg. Co. (A, W)
Thermo King Corp. (A, W)
Warren Co. (A, W)
Worthington Corp. (W)
York Div. (A, W)

Condensing Units, Commercial Refrigeration, Open

(A—Air-Cooled; W—Water-Cooled)

Aircraft Production Engineers
Airtemp Div.
Astro Products Corp.
Bard Mfg. Co. (A)
Bell & Gossett Co. (W)
Blisafield Mfg. Co. (A, W)
Brunner Div. (A, W)
Copeland Refrigeration Corp. (A, W)
Curtis Mfg. Co. (A, W)
Dunham-Bush, Inc. (A, W)
Forston Co. (A)
Frick Co. (W)
Gascool Div. (A, W)
General Machine & Mfg. Co. (A, W)
Lehigh Mfg. Co. (A, W)
Multiplex Mfg. Co., Inc. (A)
Ready-Power Co. (W)
Reliance Refrigerating Machine Co. (A, W)
Rome Turney Radiator Co. (W)
Schnacke, Inc.
Tecumseh Products Co. (A, W)
Therm-Air Mfg. Co. (A, W)
Tyler Refrigeration Corp. (A, W)
Vilter Mfg. Corp. (W)
Worthington Corp. (W)
York Div. (A, W)

Condensing Units, Household Refrigeration

(A—Absorption; H—Hermetic)

Cobell Industries, Inc. (H)
Danfoss, Inc. (H)
Hupp International Div. (H)
Tecumseh Products Co. (H)

Conduit and Fittings, Electric

Anaconda American Brass Co.
Anaconda Metal Hose Div.
Johns-Manville
National Electric Div.
National Supply Co.
Pyle-National Co.
Republic Steel Corp.
Triangle Conduit & Cable Co., Inc.
Youngstown Sheet & Tube Co.
Zippertubing Co.

Connectors, Copper-Aluminum

Aeroquip Corp., Industrial Div.
Atlas Connectors Co., Inc.
Brazeway, Inc.
Cobra Metal Hose
Elkhart Products Corp.
Hi-Mill Mfg. Co.
National Tube Forming, Inc.

Connectors, Electric

AMP, Inc.
Airserco Mfg. Co.
Atlas Connectors Co., Inc.
Curtis Development & Mfg. Co.
Hermetic Seal Corp.
Holub Industries, Inc.
Ideal Industries, Inc.
Joy Mfg. Co.
Pacific Electricord Co.
Pass & Seymour, Inc.
Pyle-National Co.
Riverside Electrical Mfg. Co.
Triangle Conduit & Cable Co., Inc.

Controls

Barometric Controls

Bristol Co.
Field Control Div.
Garrett Corp.
Lima Register Co.
Walker Mfg. & Sales Corp.

Combustion Control Systems

Bailey Meter Co.
Bristol Co.
Brooke Engineering Co., Inc.
Cleveland Controls, Inc.
Copes-Vulcan Div.
Cutler-Hammer, Inc.
Danfoss, Inc.
De-Tec-Tronic Corp.
Dwyer Mfg. Co., F. W.
Foster Wheeler Corp.
General Controls Co.
Grayson Controls Div.
Maxitrol Co.
Partlow Corp.
Penn Controls, Inc.
Photomation, Inc.
R-B-M Controls Div.
Republic Flow Meter Co.
White-Rodgers Co.

Control Panels & Boards

Airserco Mfg. Co.
Allen-Bradley Co.
American Moistening Co.
Automatic Switch Co.
Bailey Meter Co.

(Continued)

BE QUALITY SURE! Ask For

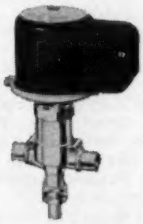
GENERAL CONTROLS

General Controls offers a complete line of automatic controls for refrigeration and air conditioning. Nine plants, 44 Factory Branch Offices mean *single source responsibility* for all your needs.

THERMOSTATIC EXPANSION VALVES

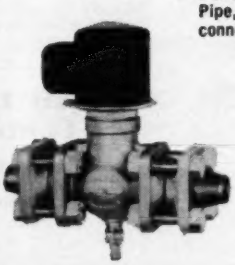
A complete line of valves of both liquid and gas charge types for applications from —150° up. Packless, push pin design provides sensitive, smooth control. Adjustable or non-adjustable superheat. Flare, flange, sweat connections. Sizes ½ ton to 12 ton, R-12.

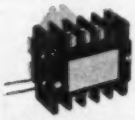
V276 series has removable power element

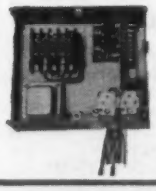


SOLENOID VALVES

Valves for control of all refrigerants including R-12, R-22, ammonia, water, brine and Glycol solutions. Standard with waterproof coil. Two high temperature coils available. Port sizes 3/32" to 1½". Pipe, flare, sweat and flange connections.





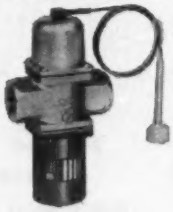


PANELS AND COMPONENTS

Panels are pre-engineered control systems combining all electrical elements in a single, compact package. Also a complete line of individual components — transformers, relays, contactors, motor starters, and time delays.

AIR CONDITIONING THERMOSTATS

Models for single or two stage heating and/or cooling. Numerous switch combinations for control of fan and systems.



WATER REGULATING VALVES

Wide range of sizes and capacities. For Freon 12, Freon 22 and other common refrigerants except ammonia. Adjustable from 60 to 260 p.s.i. Sizes ⅜", ½", ¾".

GENERAL CONTROLS

Automatic Controls for Product or Process

Glendale, Calif. · Skokie, Ill. · Guelph, Ontario, Canada

Nine Plants — 44 factory branch offices
serving the United States, Canada and Western Europe

See complete addresses in Alphabetic Section, page 25

(Continued)

Carrier Air Conditioning Co.
Clark Controller Co.
Cleveland Controls, Inc.
Controls Co. of America
Curtis Development & Mfg. Co.
Cutler-Hammer, Inc.
Drying Systems Co.
Econo Products Co., Inc.
Fischbach and Moore, Inc.
Fischer & Porter Co.
Foxboro Co.
Furnas Electric Co.
General Controls Co.
General Electric Co.
General Electric Co., General Purpose Control Dept.
Hygrodynamics, Inc.
Idea Electric & Mfg. Co.
Iron Fireman Mfg. Co.
Johnson Service Co.
Minneapolis-Honeywell Regulator Co.
Phillips & Co., H. A.
Powers Regulator Co.
Republic Flow Meter Co.
Sarco Co., Inc.
Universal Dynamics Corp.
Warren Co.
Weksler Instruments Corp.
White-Rodgers Co.

Defrosting Controls, Automatic

Barber-Colman Co.
Bossman Control Co.
Bridgeport Thermostat Div.
Cutler-Hammer, Inc.
Danfoss, Inc.
Dwyer Mfg. Co., F. W.
Frick Co.
General Controls Co.
General Electric Co.
Hubbell Corp.
McCorkle Co., D. H.
Metals & Controls, Inc.
Phillips & Co., H. A.
Ranco Inc.
Refrigerating Specialties Co.
Watkins Co., J. E.
White-Rodgers Co.
Wilcolator Co.
York Div.

Draft Controls

Bailey Meter Co.
Bristol Co.
Brooke Engineering Co., Inc.
Cleveland Controls, Inc.
Dietz Co., Inc., Henry G.
Dwyer Mfg. Co., F. W.
Ellison Draft Gage Co., Inc.
General Controls Co.
Kol-Master Corp.
Leeds & Northrup Co.
Lima Register Co.
Republic Flow Meters Co.
Walker Mfg. & Sales Corp.
Whitty Co., Inc.

Dual Pressure Controls

Allen-Bradley Co.
Bridgeport Thermostat Div.
Bristol Co.
Cleveland Controls, Inc.
Danfoss, Inc.
Dersch, Gesswein & Neuert, Inc.
Dietz Co., Inc., Henry G.
Foxboro Co.
General Electric Co.
Johnson Service Co.
Mercoid Corp.
Minneapolis-Honeywell Regulator Co.
OPW-Jordan Div.
Penn Controls, Inc.
Ranco Inc.
Republic Flow Meters Co.
Squires Co., C. E.
United Electric Controls Co.
White-Rodgers Co.

Fan Limit Controls

American-Standard, Controls Div.
Automatic Devices Div.
Barber-Colman Co.
Controls Co. of America
Delco Appliance Div.
Drying Systems Co.
Garrett Corp.
General Electric Co.
Grayson Controls Div.
McCorkle Co., D. H.
McLarty Systems
Mercoid Corp.
Metals & Controls, Inc.
Minneapolis-Honeywell Regulator Co.
Penn Controls, Inc.
Powers Regulator Co.
Robertshaw-Fulton Controls Co., Indiana Div.
United Electric Controls Co.
White-Rodgers Co.
Whitty Co., Inc.
Wilcolator Co.

Flame Failure Controls

Bailey Meter Co.
Controls Co. of America
Danfoss, Inc.
Drying Systems Co.
General Controls Co.
General Electric Co.
Grayson Controls Div.
McCorkle Co., D. H.
Mercoid Corp.
Minneapolis-Honeywell Regulator Co.
Partlow Corp.
Penn Controls, Inc.
Photomation, Inc.
R-B-M Controls Div.
White-Rodgers Co.

Flow Controls

Air Conditioning Equipment Corp.
Allen-Bradley Co.
American Tube & Controls, Inc.
Bailey Meter Co.
Black, Sivalls & Bryson, Inc.
Bristol Co.
Chatleff Controls, Inc.
Cleveland Controls, Inc.
Controls Co. of America
Danfoss, Inc.
Dietz Co., Inc., Henry G.
Dole Valve Co.
Ellison Draft Gage Co., Inc.
Fischer & Porter Co.
Foxboro Co.
General Controls Co.
General Electric Co.
Hannifin Co.
Hastings-Raydist, Inc.
Hays Mfg. Co.
Henry Valve Co.
Johnson Service Co.
Leeds & Northrup Co.
McCorkle Co., D. H.
McDonnell & Miller, Inc.
McPherson, Inc.
Mercoid Corp.
Metrex Valve Co.
Penn Meter Co.
Republic Flow Meter Co.
Sarco Co., Inc.
Schutte & Koerting Co.
Squires Co., C. E.
Taco Heaters, Inc.
White-Rodgers Co.

Gas Ignition Controls

Controls Co. of America, Heating & Air Conditioning Div.

High Pressure Cutouts

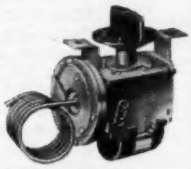
Allen-Bradley Co.
American-Standard, Controls Div.
Belt-Ice Corp.
Bridgeport Thermostat Div.
Danfoss, Inc.
Dwyer Mfg. Co., F. W.
Mercoid Corp.
Minneapolis-Honeywell Regulator Co.
Partlow Corp.
Penn Controls, Inc.
Ranco Inc.
Thermal Controls, Inc.
United Electric Controls Co.
White-Rodgers Co.

RANCO CONTROLS
for new sales to old customers!

You give customers extra comfort, convenience and savings . . . you get extra profits . . . when you install Ranco Controls to make old-fashioned air conditioners automatic. Easy to sell and install, hundreds of controls for many applications and specific units. Step up now to extra sales and profits with Ranco Controls.

RANCO TYPE A10 CONTROL

Minimum 5° differential prevents frequent cycling of compressor and possible overcooling of some rooms. Available with "off" position (A10-1596) or without (A10-1564).

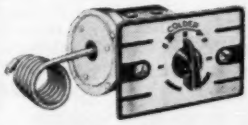


RANCO TYPE A13 CONTROL

With a fixed differential of 3°, the A13 cycles automatically to maintain even cool room temperatures selected by dial pointer. With "off" position on A13-110 and without "off" position on A13-109.

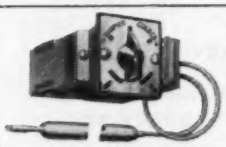
RANCO TYPE A14 CONTROL

For air conditioners equipped with heater or reversing valve for heating or cooling. Used with manual selector switch to change from heat to cool or cool to heat. Maximum differential of 4°. A14-109 is without "off" position.



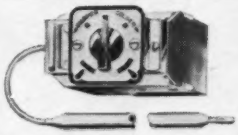
RANCO TYPE A15 CONTROL

For 1½ hp, 230-volt a.c. units. Has 4½° fixed differential and without "off" position. Adaptable to cooling only or to heating and cooling with manual selector switch. A15-105 with small air coil. A15-116 with long bulb to overcome cross ambient conditions.



RANCO TYPE C12 CONTROL

3° maximum differential, no "off" position. C12-5010 adaptable to cooling only or to heating and cooling with manual selector switch. Constant run position on coldest point.



RANCO TYPE C17 CONTROL

3½° fixed differential. C17-100 permits automatic changeover with reversing valve. 30° temperature range. No "off" position. For step operations with compressors only, step heaters for independent space heating or heaters with heat pump.

You'll find nearly 5,000 Ranco replacement control applications in Ranco Replacement Reference No. 1660 . . . a must for every air conditioning and refrigeration man. Buy a copy from your Ranco wholesaler (not available from factory) and get the handy order pad. No charge for supplemental pages on new controls.

RANCO CONTROLS

Ranco®
INCORPORATED
COLUMBUS 1, OHIO

MORE THAN 100 MILLION RANCO CONTROLS NOW IN USE

For specific product listings, see Alphabetic Cross Index at back of Directory

Humidistats

(R—Room; U—Unit)

American Instrument Co., Inc. (R, U)
American Moistening Co.
Bahnson Co. (R, U)
Barber-Colman Co. (R, U)
Bendix Corp., Friez Instrument Div. (R, U)
Danfoss, Inc.
Fischbach & Moore, Inc. (R, U)
General Controls Co. (R)
Hygrodynamics, Inc. (R, U)
Johnson Service Co. (R, U)
Minneapolis-Honeywell Regulator Co. (R, U)
Parks-Cramer Co. (R, U)
Penn Controls, Inc.
Powers Regulator Co. (R, U)
R. I. Humidifiers & Vent Co., Inc. (R)
Ranco Inc. (U)
Stewart Industries, Inc. (R)

Ice Bank Controls

Automation Products, Inc.
Minneapolis-Honeywell Regulator Co.
Ranco Inc.
White-Rodgers Co.

Liquid Level Controls

Alco Valve Co.
Allen-Bradley Co.
Automation Products, Inc.
Bailey Meter Co.
Belt-Ice Corp.
Black, Sivalls & Bryson, Inc.
Bristol Co.
Cutler-Hammer, Inc.
Danfoss, Inc.
Dietz Co., Inc., Henry G.
Econo Products Co., Inc.
Fischer & Porter Co.
Fisher Governor Co.
Frick Co.
General Controls Co.
General Electric Co.
Hastings-Raydist, Inc.
Hubbell Corp.
Leslie Co.
Maid-O'-Mist, Inc.
McDonnell & Miller, Inc.
Mercoid Corp.
Penn Controls, Inc.
Penn Meter Co.
Petrometer Corp.
Phillips & Co., H. A.
Powers Regulator Co.
Republic Flow Meters Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Sarco Co., Inc.
Schutte & Koerting Co.
Sporlan Valve Co.
Square D Co.
Squires Co., C. E.
United Electric Controls Co.
Yarnall-Waring Co.

Low Pressure Controls

Allen-Bradley Co.
American-Standard, Controls Div.
American Tube & Controls, Inc.
Black, Sivalls & Bryson, Inc.
Bridgeport Thermostat Div.
Bristol Co.
Danfoss, Inc.
Dersch, Gesswein & Neuert, Inc.
Dietz Co., Inc., Henry G.
Dwyer Mfg. Co., F. W.
Ellison Draft Gage Co., Inc.
Fischer & Porter Co.
Fisher Governor Co.
Foxboro Co.
General Controls Co.

(Continued)

NEW!

MULTI - STAGE MINIATURE TEMPERATURE OR PRESSURE SEQUENCING CONTROL

Designed and priced specifically for Original Equipment Manufacturers for use where electrical sequencing, actuated by temperature or pressure, is desired.

One control will replace up to four individual temperature or pressure controllers. Save valuable panel space and labor required in installing multiple controls. Only one temperature bulb to install, or one pressure connection to make. One dial will reset the control point of the entire program without interference with sequencing setup. Electrical wiring is simplified.

Temperature actuated controls can be supplied fully compensated for ambient temperature changes that may occur at the control case and along the connecting capillary. Temperature can be sensed at one point or be outdoor reset by means of a second sensing element.

Typical applications: loading and unloading compressor cylinders . . . sequencing cooling, heating and supplementary electric heating of heat pumps . . . effecting any multiple "thermostatic" action . . . sequencing of boilers, burners, unit air conditioners, compressors, pumps, electric heat, etc.

Other temperature and pressure sequencing devices available up to 12 stages.

We welcome your inquiries — Temperature and pressure sequencing is our specialty!

AMETEK

AUTOMATIC DEVICES
A DIVISION OF AMETEK, INC.
Sellersville, Pennsylvania

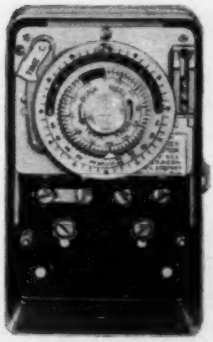
PARAGON time controls give you low-cost, dependable REFRIGERATION

Complete D-FROST-O-MATIC® line for automatic, commercial defrosting

Paragon offers a complete D-FROST-O-MATIC line of accurate, dependable, refrigeration time controls designed for all types of commercial applications—frozen food cabinets, dairy and vegetable display cases, and other units.

The 8010 Series time control, shown at right, is ideally suited for electric heat and hot gas defrosting. Defrost cycles are adjustable from 4 to 110 minutes, 1 to 6 cycles per day, with accuracy within two-minute intervals.

For complete information write for Bulletin 6051.



8010 SERIES

D-FROST-O-MATIC line is offered for electric heat defrosting, hot gas, or reverse cycle defrosting. Defrost is self-adjusting for variable loads and atmospheric conditions.

Write for Bulletin 5848.

8100 SERIES

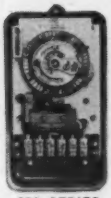
D-FROST-O-MATIC line designed for electric heat defrosting, and compressor shutdown defrosting. For use as a time initiated-pressure terminated defrost control.

Write for Bulletin 5949.

8200 SERIES

CHRONO-SPRAY line designed for water spray, hot gas fan delay, and electric heat fan delay defrosting. It's easy to change frequency and length of defrost cycle to load characteristics.

Write for Bulletin 6145.



600 SERIES

MULTI-PURPOSE switch features automatic timing on weekly schedule with individual daily settings. Ideal for all heating, ventilating and air conditioning applications.

Write for Bulletin 5976.

7000 SERIES

TIME DELAY and AUTOMATIC RESET timers for heating and air conditioning applications. "On" delay, "Interval," "Off" delay types available. Feature two sets of SPDT independent, snap-action switches.

Write for Bulletin 6126.

500 SERIES

BEVERAGE COOLER defrost control designed for coolers and dispensers. Helps maintain lower bottle temperatures.

Write for Bulletin 5842.

TD-360 SERIES

TIME IS MONEY—CONTROL IT WITH PARAGON

PARAGON ELECTRIC CO., INC.

Subsidiary of American Machine & Foundry Company

1687 TWELFTH STREET • TWO RIVERS, WISCONSIN

See complete addresses in Alphabetic Section, page 25

(Continued)
Hannifin Co.
Leslie Co.
Mercoid Corp.
Minneapolis-Honeywell Regulator Co.
OPW-Jordan Div.
Penn Controls, Inc.
Ranco Inc.
Republic Flow Meters Co.
Sarco Co., Inc.
Squires Co., C. E.
Thermal Controls, Inc.
United Electric Controls Co.
White-Rodgers Co.

Pneumatic Controls

Bailey Meter Co.
Barworth, Inc.
Black, Sivalls & Bryson, Inc.
Bristol Co.
Fischer & Porter Co.
Fisher Governor Co.
Foxboro Co.
Garrett Corp.
Hannifin Co.
Johnson Service Co.
Leslie Co.
Mercoid Corp.
Metrex Valve Co.
Minneapolis-Honeywell Regulator Co.
OPW-Jordan Div.
Partlow Corp.
Powers Regulator Co.
Refrigerating Specialties Co.
Republic Flow Meter Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Squires Co., C. E.
United Electric Controls Co.
Wilcolator Co.

Sequence Controls

Automatic Devices Div.
Barber-Colman Co.
Bristol Co.
Clark Controller Co.
Cleveland Controls, Inc.
Controls Co. of America
Fischbach and Moore, Inc.
Garrett Corp.
General Controls Co.
Hannifin Co.
Mallory & Co., Inc., P. R.
McCorkle Co., D. H.
Mercoid Corp.
Ranco Inc.
United Electric Controls Co.
White-Rodgers Co.

Thermostats, Room

(C—Cooling; H—Heating; Y—Year-Round)

American-Standard, Controls Div. (C, H, Y)
American-Standard, Plumbing & Heating Div. (Y)
Automatic Devices Div. (C, H, Y)
Barber-Colman Co. (C, H, Y)
Bossman Controls Co. (C)
Controls Co. of America (C, H, Y)
Danfoss, Inc. (C, H, Y)
Delco Appliance Div. (H)
Electromode Div. (H)
Fischbach & Moore, Inc. (C, H, Y)
Flair Mfg. Corp. (H)
General Controls Co. (C, H, Y)
General Electric Co. (Y)
Grayson Controls Div. (C, H)
Johnson Service Co. (C, H, Y)
McCorkle Co., D. H. (C, H)
Mears Controls, Inc. (C, H, Y)
Mercoid Corp. (C, H)
Minneapolis-Honeywell Regulator Co. (C, H, Y)
Penn Controls, Inc. (C, H, Y)
Powers Regulator Co. (C, H, Y)
Sarco Co., Inc. (C, H, Y)
United Electric Controls Co. (C, H, Y)
White Rodgers Co. (C, H, Y)
Wilcolator Co. (C, H)

Thermostats, Unit

American-Standard, Plumbing and Heating Div.
Automatic Devices Div.
Barber-Colman Co.
Controls Co. of America
Cutler-Hammer, Inc.
Fenwal, Inc.
Fischbach & Moore, Inc.
General Electric Co.
Hart Mfg. Co.
Johnson Service Co.
Leslie Co.
Mears Controls, Inc.
Metals & Controls, Inc.
Minneapolis-Honeywell Regulator Co.
Partlow Corp.
Penn Controls, Inc.
Powers Regulator Co.
R-B-M Controls Div.
Ranco Inc.
Robertshaw-Fulton Controls Co., Indiana Div.
United Electric Controls Co.
Western Supply Co., Mfg. Div.
White-Rodgers Co.
Wilcolator Co.

Time Controls

Allen-Bradley Co.
Automatic Devices Div.
Bristol Co.
Cutler-Hammer, Inc.
Fischer & Porter Co.
General Controls Co.
General Electric Co.
International Register Co.
Johnson Service Co.
Mallory & Co., Inc., P. R.
Miller-Harris Instrument Co.
Minneapolis-Honeywell Regulator Co.
Paragon Electric Co.
Partlow Corp.
Reliance Time Controls, Inc.
Rhodes, Inc., M. H.
Squires Co., C. E.
Thermal Controls, Inc.
Tork Time Controls, Inc.
White-Rodgers Co.

Zone Damper Controls

Automatic Devices Div.
Barber-Colman Co.
Econo Products Co., Inc.
Fischbach & Moore, Inc.
Flair Mfg. Corp.
General Controls Co.
Johnson Service Co.
Mercoid Corp.
Minneapolis-Honeywell Regulator Co.
Penn Controls, Inc.
Perfection Div.
Powers Regulator Co.
White-Rodgers Co.
Wilcolator Co.

Convectors, Baseboard, Hot Water, Steam

American Air Filter Co., Inc.
American-Standard, Plumbing and Heating Div.
Brown Products Corp., A.
Columbia Boiler Co. of Pottstown
Crane Co., Plumbing, Heating and Air Conditioning Group
Dunham-Bush, Inc.
Edwards Engineering Corp.
Embassy Industries, Inc.
G & O Mfg. Co.
International Mfg. Co.
Kramer Trenton Co.
Kritzer Radiant Coils, Inc.
Nesbitt, Inc., John J.
Vulcan Radiator Co.
Webster & Co., Inc., Warren

Cooling Towers

(F—Forced Draft; N—Natural Draft)

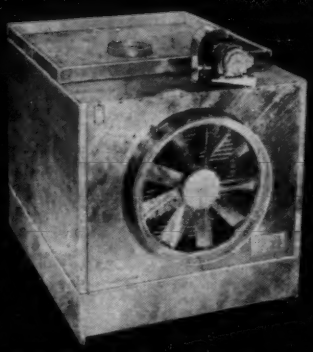
Acme Industries, Inc. (F)
American Air Filter Co., Inc. (N)
Arrow Tank Co., Inc.

(Continued)

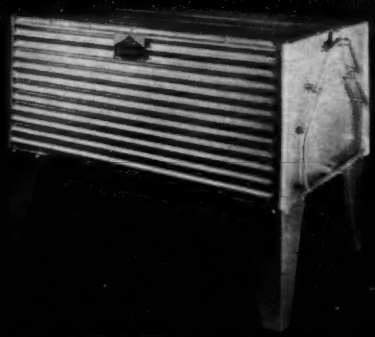
Marley

A Model for Every Application

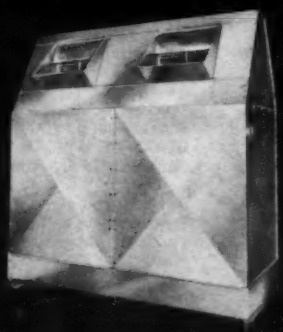
WATER COOLING EQUIPMENT and AIR COOLED CONDENSERS



AQUATOWERS®—Standard of Performance for 25 years; hot dip galvanized, heavy-duty mechanical equipment. Capacities from 3 to 120 tons, nominal.



DRICOOLERS®—Air Cooled Refrigerant Condensers featuring simple, positive year 'round controls, forced draft, vertical discharge; 9 models from 15 to 100 tons, nominal.



AQUACOOLERS®—Whisper-Quiet for Indoor Operation; hot dip galvanized; centrifugal blower fans for quiet operation. Capacities, 5-100 tons, nominal.

PACKAGED DOUBLE-FLOW® AQUATOWERS—Largest Marley packaged towers; capacities up to 300 tons, nominal. Hot-dip galvanized. Shipped assembled—ready to hoist, pipe and wire.

The complete Marley line includes PERMATOWERS® for maximum corrosion resistance, NATURAL DRAFT SPRATOWERS® for economy, DOUBLE-FLOW AQUATOWERS® and UNDERFLOWS® for large air conditioning and refrigeration applications.

THE MARLEY COMPANY

222 West Gregory Blvd. **Kansas City 14, Missouri**

Offices in All Major Cities

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Baltimore Aircoil Co., Inc. (F)
Binks Mfg. Co. (F, N)
Blazer Corp. (F)
Bloomer Tower Div. (F)
Carrier Air Conditioning Co. (F)
Curtis Mfg. Co. (F)
Drayer-Hanson (F)
Dunham-Bush, Inc. (F)
Fluor Products Co. (F, N)
Goodfellow Co., Inc., E. D. (F)
Halstead & Mitchell Co. (F)
Havens Cooling Towers (F)
Higgins Metal Products Co. (F, N)
Johnson Tank & Tower Co. (F, N)
Kerr's "Ther-Mist" Products, Inc. (F, N)
Larkin Coils, Inc. (F)
Lilie-Hoffmann Cooling Towers, Inc. (F, N)
Marley Co. (F, N)
Mario Coil Co. (F)
Phillips Cooling Tower Co., Inc. (F, N)
Pritchard & Co. of California, J. F. (F, N)
Recold Corp. (F)
Refrigeration Appliances, Inc. (F)
Silco Products, Inc. (F)
Therm-Air Mfg. Co. (F, N)
TOT Towers Co. (F, N)
Water Cooling Equipment Co. (F, N)

Cord Sets, Electric

Betts & Betts Corp.
Circle F Mfg. Co.
Cords Ltd. Div.
Pacific Electricord Co.
Riverside Electrical Mfg. Co.
Unilectric, Inc.

Couplings, Quick Connect

Aeroquip Corp., Industrial Div.
Airserco Mfg. Co.
Bastian-Blessing Co.
Cobra Metal Hose
Dodge Mfg. Co.
Dole Valve Co.
Gates Rubber Co.
Hansen Mfg. Co.
Hedeman Products, Inc.
Henry Valve Co.
OPW-Jordan Div.
Paxton-Mitchell Co.
Victaulic Co. of America

Covers, Room Air Conditioners

All-Weather Supply Co., Inc.
Blossom Mfg. Co.
Bogene, Inc.
Irolite Finishing Co.
Jiffy Covers Corp.
Kooler Kover Co.
Postcraft Co.
Wickford Products, Inc.

Crankcase Heaters

Springfield Wire & Tinsel Co.

Crankshafts, Compressor

Capitol Machine Co.
Dalton Foundries, Inc.
Frick Co.
Gould-National Batteries, Inc., Engine Parts Div.
Modern Machine Works, Inc.
Trane Co.
Transue & Williams Steel Forging Corp.

Damper Hardware

Duro-Dyne Corp.
Elgen Mfg. Corp.
Gerett, Inc., M. A.
Hart & Cooley Mfg. Co.
Kingston Controls
Malco Products
Standard Metal Fabricating Co.
Young Regulator Co.

Dampers and Shutters

A & A Register Co.
Air & Refrigeration Corp.
Air Conditioning Engineering Co.
American Coolair Corp.
American Moistening Co.
American-Standard, Plumbing and Heating Div.
Ammerman Co., Inc.
Carnes Corp.
Duro-Dyne Corp.
Fischbach & Moore, Inc.
Frigid, Inc.
Higgins Metal Products Co.
Independent Register Co.
Inland Steel Products Co.
Kody Blower Co.
Malco Products
Mario Coil Co.
Minneapolis-Honeywell Regulator Co.
Titus Mfg. Corp.
United States Register Co.
Whitty Co., Inc.
Young Regulator Co.

Defrost Equipment, Automatic

Bohn Aluminum & Brass Corp., Danville Div.
Dole Refrigerating Co.
Drayer-Hanson
Frick Co.
General Controls Co.
General Electric Co.
Heatrex, Inc.
Hygrodynamics, Inc.
Mario Coil Co.
Recold Corp.
Refrigerating Specialties Co.
Refrigeration Appliances, Inc.
Riverside Electrical Mfg. Co.
Witt Co., Inc., A. H.
York Div.

Dehumidifiers, Chemical

Allied Chemical Corp., Solvay Process Div.
Dryomatic Corp.
Kahn & Co., Inc.
Merix Chemical Co.
Niagara Blower Co.
Universal Dynamics Corp.

Dehumidifiers, Electric

(U—Under ½ Hp.; O—½ Hp. and Over)

Admiral Corp. (U)
Albion Div. (U)
Amana Refrigeration, Inc. (U)
Blazer Corp. (O)
Blissfield Mfg. Co. (U, O)
Carrier Air Conditioning Co. (O)
Cory Corp. (U, O)
Dryomatic Corp. (U)
DuMont Emerson Corp. (U)
Ebco Mfg. Co. (U)
Emerson Electric Mfg. Co. (U)
Gibson Refrigerator Sales Corp. (U)
Great Lakes Mfg. Corp. (U, O)
Haertel Co., Walter (U, O)
Heat Controller, Inc. (U)
Remington Corp. (U, O)
Universal Dynamics Corp. (U, O)
Welbilt Corp. (U)
Westinghouse Electric Corp., Major Appliance Div. (U)
Whirlpool Corp. (U)

Dehumidifiers, Sprayed Coil

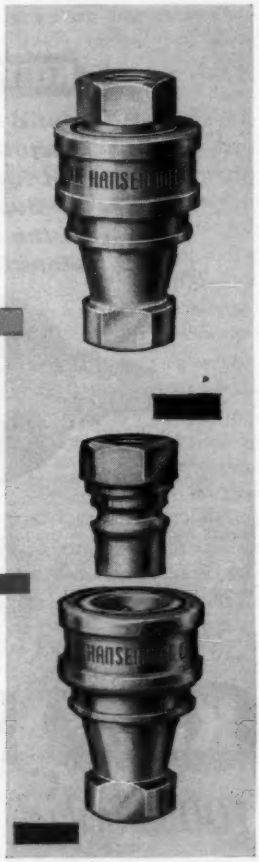
Air & Refrigeration Corp.
American Air Filter Co., Inc.

(Continued)

HANSEN

SERIES HK® QUICK-CONNECTIVE

TWO-WAY SHUT-OFF COUPLINGS

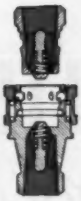


QUICK FLUID LINE CONNECTION OR DISCONNECTION

WITH

INSTANT AUTOMATIC FLOW OR SHUT-OFF

Instantly shuts off both sides of line . . . prevents loss of liquid, gas or pressure



When Coupling is disconnected, identical valves in both the Socket and Plug provide instant shut-off of gas or liquid. To eliminate leakage or spillage during disconnection, the Coupling is so designed that shut-off takes place *before* the Plug separates from the Socket—and *before* the seal of the Socket itself, provided by the Socket "O" Ring, is broken.

In reverse, when Coupling is connected, the "O" Ring in the Socket completely seals Coupling *before* valves release flow of fluid from both sides of line—thus eliminating possibility of spurt of gas or liquid during instant of connection.

Available in brass or steel with female pipe thread connections from 1/8" to 1 1/2" inclusive—also up to 1" in stainless steel.

Write for the Hansen Catalog

Here is an always ready reference when you want information on on couplings in a hurry. Lists complete range of sizes and types of Hansen One-Way Shut-Off, Two-Way Shut-Off, and Straight-Through Couplings —including Special Service Couplings for LP-Gas, Steam, Oxygen, Acetylene, etc.

Representatives in Principal Cities . . . see Yellow Pages

SINCE 1915 QUICK-CONNECTIVE FLUID LINE COUPLINGS

THE HANSEN MANUFACTURING COMPANY

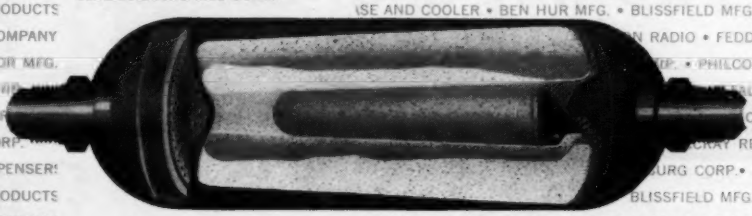
4031 WEST 150th STREET • CLEVELAND 35, OHIO

See complete addresses in Alphabetic Section, page 25

GENERAL ELECTRIC CORP. • WESTINGHOUSE ELECTRIC CORP. • PHILCO • WHIRLPOOL CORP. • ADMIRAL CORP. • AMANA
NORGE CORP. • GIBSON REFRIGERATOR • GLASCO • VICTORY METAL MFG. CO. • WILSON REFRIGERATOR • VICTOR PRO
WARREN CO. • CARRIE LSEY TAYLOR • REMINGTON CORP. • ADDISON PRODUCTS • AMERICAN FURNACE CO
BALLY CASE AND CO IFG. CO. • COLEMAN COMPANY • PEERLESS OF AMERICA • R
CHRYSLER AIRTEMP • FEDDERS CORP. • HOT POINT • C. V. HILL • IDEAL DISPENS
KOCH REFR. • LaCRO • NORRIS DISPENSERS • RANNEY REFRIGERATOR • PURO F
QUICFREEZ • REVCO • SUB ZERO MFG. • STEWART WARNER CORP. • YORK CORP.
VENDORLATOR MFG. L ELECTRIC CORP • WESTINGHOUSE CORP. • PHILCO • WHIR
ADMIRAL CORP. • A • GIBSON REFRIGERATOR • GLASCO • VICTORY METAL MFG. C
WILSON REFRIGERA . • CARRIER CORP. • HALSEY TAYLOR • REMINGTON CORP.
ADDISON PRODUCTS SE AND COOLER • BEN HUR MFG. • BLISSFIELD MFG. CO.
COLEMAN COMPANY N RADIO • FEDDERS CO
VENDORLATOR MFG. P. • PHILCO • WHIR
ADMIRAL CORP. L MFG. C
WILSON REFR CORP.
FEDDERS CORP. CRAY REFRIGER
NORRIS DISPENSERS URG CORP. • STAR C
ADDISON PRODUCTS BLISSFIELD MFG. CO.
COLEMAN COMPANY AIRTEMP • EBCO MFG. CO. • EMERSON RADIO • FEDDERS CO
SUB ZERO MFG. • STEWART WARNER CORP. • YORK CORP. • VENDORLATOR MFG. CORP. • FRANKLIN MFG. CO. • GENERA
GIBSON REFRIGERATOR • GLASCO • VICTORY METAL MFG. CO. • WILSON REFIGERATOR • VICTOR PRODUCTS • WARREN C
ADDISON PRODUCTS • AMERICAN FURNACE CO. • BALLY CASE AND COOLER • BEN HUR MFG. • BLISSFIELD MFG. CO.
COLEMAN COMPANY • PEERLESS OF AMERICA • CHRYSLER AIRTEMP • EBCO MFG. CO. • EMERSON RADIO • FEDDERS CO

KMP

World's Largest Manufacturer of Refrigeration Driers . . . Supplier to the Leading Manufacturers.



KMP FILTER-KORE . . . *the only 100% solid core Molecular Sieve Drier*

No other driers have these exclusives:

★ **LOWEST PRESSURE DROP**
per unit area of core of any block desiccant

★ **LARGEST DRYING CAPACITY**
per cubic inch of core of any block desiccant

★ **GREATEST ACID REMOVAL**
Maximum protection of system from acid and sludge after motor burnout

★ **HIGH TEMPERATURE WATER CAPACITY**

★ **ALL NON-CORROSIVE INTERNAL METAL CONSTRUCTION**

BECAUSE...

FILTER-KORE DRIERS

★ have no plastics . . . no fibre board . . . no cotton or other foreign material

★ have no diluents . . . just a solid core of 100% pure molecular sieve

★ have selective filtration . . . no powdering . . . no channeling.

FILTER-KORE . . . the most efficient, most trouble-free refrigeration drier made.

KMP **KENMORE MACHINE PRODUCTS, INC.** • LYONS, NEW YORK
IN CANADA: Kenmore Machine Products (Canada) Limited, Grimsby, Ontario
IN EUROPE: Kenmore Inc., A.S., Oslo, Norway

(Continued)

American-Standard Industrial Div.
Blazer Corp.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Drayer-Hanson
Marlo Coil Co.
Niagara Blower Co.
Silco Products, Inc.
Thermal Engineering Corp.

Differential Pressure Switches

Bacharach Industrial Instrument Co.
Barber-Colman Co.
Dietz Co., Inc., Henry G.
Lancaster Pump & Mfg. Co., Inc.
Minneapolis-Honeywell Regulator Co.
Servair, Inc.

Diffusers, Grilles, Registers

(B—Baseboard; C—Ceiling; CC—Ceiling with combined lighting fixtures; F—Floor; S—Side Wall)

A & A Register Co. (B, C)
A-J Mfg. Co. (B, F, S)
Air Control Products, Inc. (B, C, F, S)
Air Devices, Inc. ((C, CC, F, S)
Airfan Engineering Co. (C)
Anemostat Corp. of America ((C, CC, F, S)
Auer Register Co. (B, C, F, S)
Barber-Colman Co. (B, C, CC, F, S)
Carnes Corp. (B, C, CC, F, S)
Conner Engineering Corp. (C, CC, S)
Excelsior Steel Furnace Co. (B)
Gerwin Industries, Inc. (B, F)
Hart & Cooley Mfg. Co. (B, C, F, S)
Independent Register Co. (B, C, CC, F, S)
International Mfg. Co. (S)
Kritzer Radiant Coils, Inc. (B)
Lima Register Co. (B, C, F, S)
Pyle-National Co. (C, CC)
Ritter Pattern & Casting Co., Inc. (F)
Rock Island Register Co. (B, F, S)
Slant/Fin Radiator Corp. (B)
Smith Co., J. B. (B, C, F, S)
Standard Stamping & Perforating Co. (B, C, F, S)
Titus Mfg. Corp. (B, C, CC, F, S)
Trane Co.
Tuttle & Bailey (B, C, CC, F, S)
United States Register Co. (B, C, F, S)
Universal Diffuser Corp.
Waterloo Register Co., Inc. (C, F, S)
Young Regulator Co. (B, C)

Display Stands, Air Conditioning

Astro Products Corp.

Distributors, Refrigerant

Alco Valve Co.
Sporlan Valve Co.

Doors, Cold Storage

Barron Products, Inc.
Butcher Boy Refrigerator Door Co.
Chase Industries, Inc.
Clark Door Co., Inc.
Council Mfg. Corp.
Freeze Eazy Industries
Herrel & Sons, Inc., John
Jamison Cold Storage Door Co.
Tyson Metal Products, Inc.
Walker Stainless Equipment Co.
Williams Refrigeration, Inc.
Zero Cold, Inc.

Doors, Reach-In

Aluminum Refrigerator Door Co., Inc.
Ammerman Co., Inc.
Baker Refrigerator Co.
Barkow Mfg. Co., Inc., Aug. G.
Barron Products, Inc.
Butcher Boy Refrigerator Door Co.
Chase Industries, Inc.
Coldin Cabinet Co., Inc.
Frigid Igloo Mfg. Corp.
Ideal Cooler Corp.
Inland Steel Products Co.
Jamison Cold Storage Door Co.
Tyson Metal Products, Inc.
Walker Stainless Equipment Co.
Witt Co., Inc., A. H.
Zero Cold, Inc.

Door Liners, Plastic

Ranney Refrigerator Co.
Shurclose Seal Co.
St. Regis Paper Co., Panelyte Div.
Standard-Keil Hardware Mfg. Co., Inc.

Driers

(N—Non-refillable; R—Refillable)

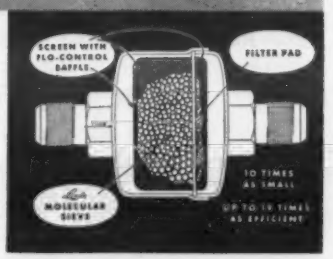
Alco Valve Co. (N)
American-Standard, Controls Div. (N, R)

(Continued)

FILTER DRIERS

TMC®

High efficiency Molecular Sieve with low pressure drop. Five sizes cover up to 15 ton capacities . . . largest size fits palm of your hand . . . save space . . . save inventory for manufacturers, wholesalers, installation and servicemen. Phone NX 3-7900 or write for data and prices.



TUBE MANIFOLD CORP.
415-2 Bryant St. N. Tonawanda, N.Y.

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Ansul Chemical Co. (N)
Controls Co. of America (N)
Danfoss, Inc. (N)
Drifreez Div.
Henry Valve Co. (N, R)
Hi-Mill Mfg. Co. (N)
Imperial-Eastman Corp. (N, R)
Kenmore Machine Products, Inc. (N, R)
Madden Brass Products Co. (N, R)
McIntire Co. (N)
Metrex Valve Co. (N, R)
Michigan Wire Cloth Co. (N, R)
Mueller Brass Co. (N, R)
Refrigeration Research, Inc. (N, R)
Sealed Unit Parts Co., Inc. (N)
Sporlan Valve Co. (N, R)
Superior Valve & Fittings Co. (N, R)
Tube Manifold Corp. (N)
Wabash Corp. (N, R)
Weatherhead Co. (N, R)

Drinking Water Coolers

(R—Remote; RT—Restaurant Type; S—Self-Contained)

Acme Industries, Inc. (R)
Amcoin Corp. (RT)
Bastian-Blessing Co.
Blons & Co., M. J. (R, RT, S)
Coolstream Corp. (S)
Dunham-Bush, Inc. (R, RT)
Dunhill Food Equipment Corp. (RT, S)
Ebco Mfg. Co. (R, RT, S)
Filtrine Mfg. Co. (R, RT, S)
Frick Co. (R)
Heat Exchangers, Inc. (S)
Heat-X, Inc. (S)
Holderle Bros., Inc. (RT)
Precision Heat Exchanger Co., Inc. (R)
Puro Filter Corp. of America (S)
Remcor Products Co. (S)
S & R Soda Fountain Co., Inc. (R, RT, S)
Taylor Co., Halsey W. (R, RT, S)
Temprite Products Corp. (R, RT, S)
Tyson Metal Products, Inc. (R, RT, S)
Westinghouse Electric Corp., Major Appliance Div. (R, S)

Drives, Fluid or Hydraulic

American-Standard Industrial Div.
Dodge Mfg. Corp.
Imperial Electric Co.
Republic Flow Meters Co.

Duct Connectors, Flexible

Adelta Mfg. Co., Inc.
Anaconda Metal Hose Div.
Cain Mfg., Inc.
Champion Furnace Pipe Co.
Cobra Metal Hose
Corbman Bros., Inc.
Duro-Dyne Corp.
Elgen Mfg. Corp.

(Continued)

DFN

M FILTER-DRIERS
charged with high-capacity
Permasorb®
WITH MOLECULAR SIEVE
Also factory-sealed and cartridge types charged with Permasorb, Super Permasorb, Silica Gel, Activated Alumina and Calcium Chloride.
From 1/6 to 120 tons

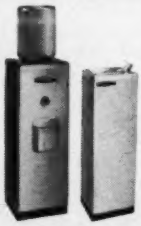
Permaclean
LOW MICRON
FILTERS
For suction and liquid lines
•
STRAINERS
Factory-sealed and Angle Types
•
Liquid Indicators • Hose Assemblies • Water Bubblers and Regulating Valves • Clamps—Straps—Brackets • Water Glass Fillers.

Sold by leading wholesalers. Get Catalogs and Bulletins
THE McINTIRE COMPANY • LIVINGSTON, N. J.
Since 1925 — specialists in Drying, Filtering, Straining

Temprite® WATER COOLERS...

the quality line

"WALL-TEMP" Compact, light weight, high capacity Temprite "WT" models fit snug to the wall and off the floor. 17" clearance provides ease of floor maintenance. Plumbing enclosed within the cooler cabinet.



"CADET SERIES" Compact, economy series in pressure type, bottle type and hot and cold models. Grey or white.

Listed by UL and CSA

"WALL FLUSH" Beautiful companion model to Wall-Temp, the WF line fits snug to the wall, saves floor space and minimizes cleaning. Plumbing is enclosed.

TEMPRITE REMOTE type Coolers for restaurant, fountain, drive-in, and many other commercial or industrial applications.

TEMPRITE WATER COOLING TANKS are highly versatile units. Serve multiple outlets. Ideal replacement units.

CSA

TEMPRITE BANTAM 100 carbonators and combination Carbo-Coolers offer a great new sales potential! Installed wherever carbonated water is served!

WORLD-FAMOUS Temprite instantaneous coolers are made in a wide range of models for every type of liquid cooling: beer, water, carbonated drinks, light oils, chemicals, etc.

TEMPRITE OIL SEPARATORS

Recommended for all types of refrigeration systems. Automatically return oil to the compressor, keep oil out of the evaporator. Insure accurate valve operation, maximum heat transfer at all times; power consumption is held to a minimum, and efficiency increased 15 to 20%.

Temprite Products Corporation P. O. BOX 72 Birmingham, Michigan

See complete addresses in Alphabetic Section, page 25

(Continued)

Hawthorn Mfg. Co.
Johnson Metal Hose, Inc.
Maurlee Co., Inc.
Peerless Corp.
Round Oak Div.
Standard Metal Fabricating Co.
Wilson, Inc., Grant
Zippertubing Co.

Duct Fittings

Acer & Whedon, Inc.
Adelta Mfg. Co., Inc.
Carrier Air Conditioning Co.
Champion Furnace Pipe Co.
Corbman Bros., Inc.
Creamer Industries, Inc.
Excelsior Steel Furnace Co.
Hawthorn Mfg. Co.
Heil Process Equipment Corp.
Henry Furnace Co.
Home Furnace Co.
Inland Steel Products Co.
Labeled Metal Products
Lennox Industries, Inc.
Maurlee Co., Inc.
Olsen Mfg. Co., C. A.
Peerless Corp.
Round Oak Div.
Snappy, Inc.
Standard Metal Fabricating Co.
United Sheet Metal Co., Inc.
United States Register Co.
Williamson Co.

erect ductwork easily with
STANDING "S" CLEATS

PRICE PER 100 FEET—F.O.B. SPRINGFIELD, MO.

GAUGE	100-999 FT.	1000-4999 FT.	5000 FT. OR MORE	EST. WT/FT
26	$7.30	$6.20	$5.90	.453
24	9.60	7.90	7.40	.578
22	10.50	9.00	8.50	.703

GALVANIZED – 10 FT. LENGTHS ONLY

PM

PAUL MUELLER COMPANY
P.O. BOX 150 – SPRINGFIELD, MISSOURI

Duct Hangers and Supports

Acme Steel Co.
Adelta Mfg. Co., Inc.
Champion Furnace Pipe Co.
Corbman Bros., Inc.
Excelsior Steel Furnace Co.
Holub Industries, Inc.
Inland Steel Products Co.
Lennox Industries, Inc.
Maurlee Co., Inc.
Paine Co.
Peerless Corp.
Round Oak Div.
Snappy, Inc.
Standard Metal Fabricating Co.
United States Register Co.
Williamson Co.

Duct Silencers

Bar-Ray Products, Inc.
Corbman Bros., Inc.
Hansson, Inc., Elof
Industrial Acoustics Co., Inc.
Koppers Co., Inc., Metal Products Div.
MB Electronics
Mortell Co., J. W.
United Sheet Metal Co., Inc.

Ducts, Prefabricated

(M—Metallic; N—Non-Metallic)

Acer & Whedon, Inc. (M)
Adelta Mfg. Co., Inc. (M)
Ammerman Co., Inc. (M)
Anaconda Metal Hose Div. (M)
Carrier Air Conditioning Co. (M)
Champion Furnace Pipe Co. (M)
Corbman Bros., Inc. (M)
Creamer Industries, Inc. (M)
Duc-Pac, Inc. (M)
Excelsior Steel Furnace Co. (M)
Flexible Tubing Corp. (N)
Gates Rubber Co. (N)
Grand Island Furnace & Supply Co. (M)
Gustin-Bacon Mfg. Co. (N)
Hawthorn Mfg. Co.
Heil Process Equipment Corp. (M, N)
Henry Furnace Co. (M)
Higgins Metal Products Co. (M)
Inland Steel Products Co. (M)
Labeled Metal Products (M)
Lennox Industries, Inc. (M)
Maurlee Co., Inc. (M)
Modern Metals (M)
Olsen Mfg. Co., C. A. (M)
Peerless Corp. (M)
Round Oak Div. (M)
Snappy, Inc. (M)
Sonoco Products Co. (N)
Standard Metal Fabricating Co. (M)
United Sheet Metal Co., Inc. (M)
United States Register Co.
United States Rubber Co. (N)
Williamson Co. (M)
Wiremold Co. (M)

Dust Collectors

(E—Electrostatic; M—Mechanical)

Ace-Sycamore, Inc.
Aget Mfg. Co. (M)
Albion Div. (E)
American Air Filter Co., Inc. (E, M)
American-Standard Industrial Div. (E, M)
Breslove Separator Co. (M)
Bubar Dust Systems (M)
Buffalo Forge Co. (M)
Corbman Bros., Inc.
DeVilbiss Co.
Dollinger Corp. (E)
Perma-Fil Mfg. Co. (E, M)
Pulverizing Machinery Co. (M)
Radex Corp. (E)
Research-Cottrell, Inc. (E, M)
Rybolt Heater Co. (E)
Scott Paper Co., Foam Div. (E, M)
Sheldons Mfg. Corp. (M)
Torit Mfg. Co. (M)
United Sheet Metal Co., Inc. (M)
Wallace & Tiernan, Inc. (M)
Wheelabrator Corp. (M)

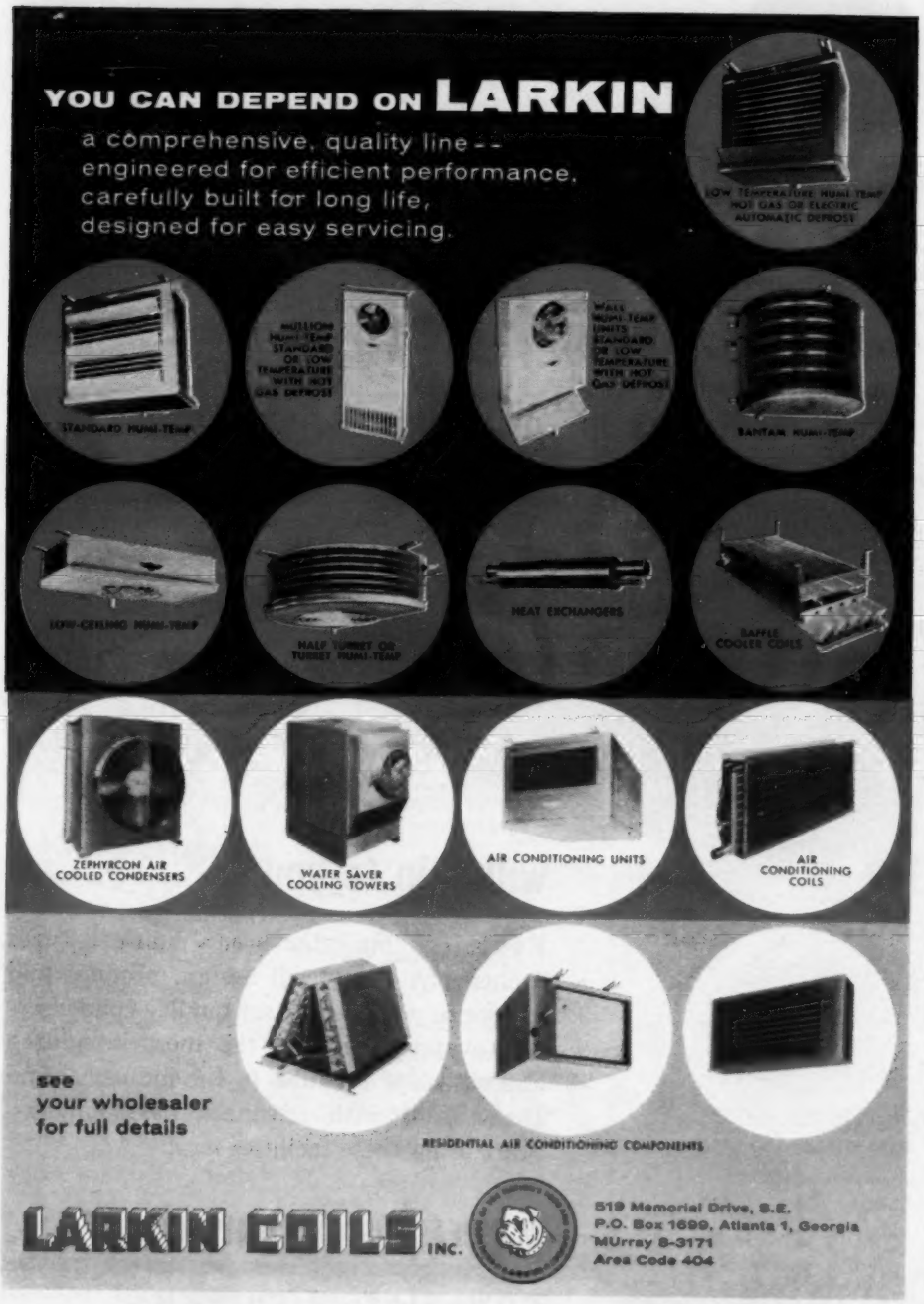
Engine Compressors

Onan Div.

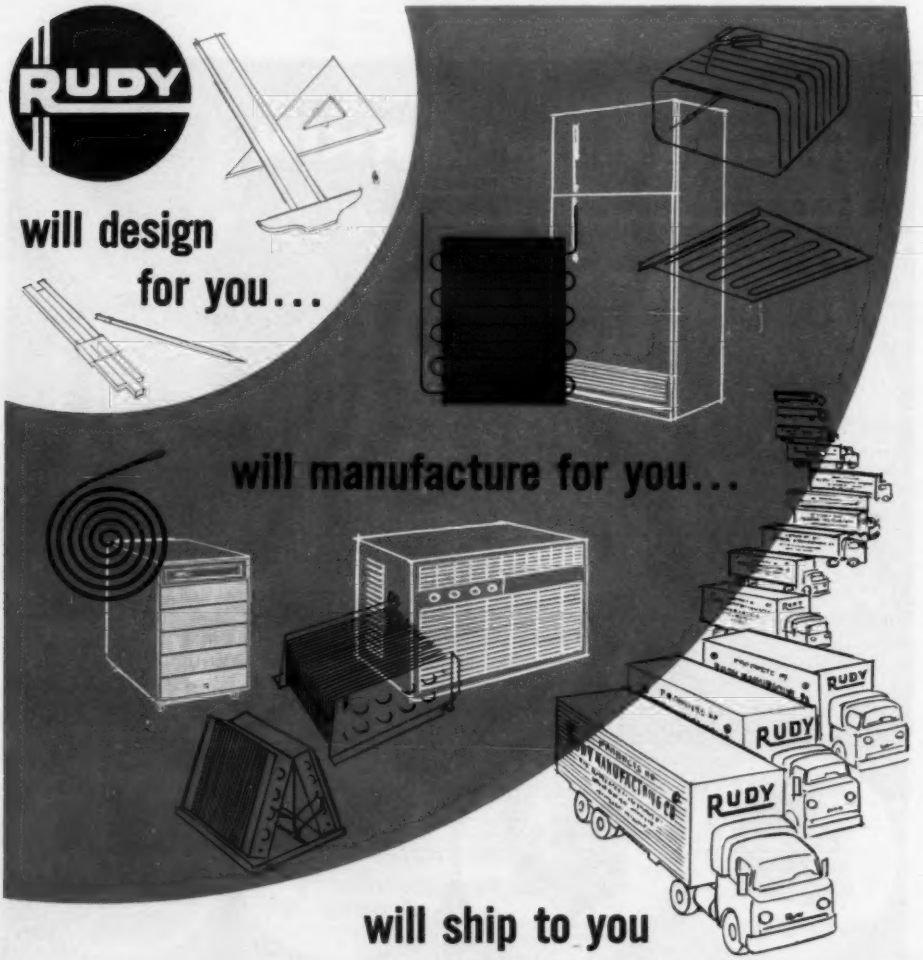
Engines

(G—Gasoline N—Natural Gas; D—Diesel)

Allis-Chalmers Mfg. Co. (G, N, D)
Ingersoll-Rand Co. (N, D)
Ready-Power Co. (G, N)
Waukesha Motor Co. (G, N, D)



For specific product listings, see Alphabetic Cross Index at back of Directory



will ship to you

Rudy is a manufacturer's manufacturer exclusively. Rudy will design, produce and deliver to you the highest quality condensers and evaporators from the most integrated and extensive facilities in the industry. And Rudy leads with advanced developments. Start using these facilities *now*.

RUDY®

MANUFACTURING COMPANY

DOWAGIAC, MICHIGAN

Phone State 2-2141 Teletype 03

Evaporative Coolers

(A—Automobile; C—Commercial & Industrial; H—Residential; R—Room)

Acme Industries, Inc. (C)
Air & Refrigeration Corp. (C)
Air Conditioning Engineering Co. (C)
Air Cooling Engineering Co., Inc. (C)
Air Dynamics, Inc. (H, R)
Airfan Engineering Co. (C)
Alton Mfg. Co. (C)
American Moistening Co. (C)
Bahnson Co. (C)
Crane Co., Plumbing-Heating-Air Conditioning Group (C, H)
Curtis Mfg. Co. (C)
Dearborn Stove Co. (C, H, R)
Essick Mfg. Co. (C, H, R)
Garrett Corp. (C)
Ingersoll-Rand Co. (C)
Lennox Industries, Inc. (C, H, R)
Magic Aire Div. (C, H)
Marlo Coil Co. (C)
Metalaire Products Div. (R)
Niagara Blower Co. (C)
Refrigeration Appliances, Inc. (C)
Thompson Mfg. Co., A. F. (H, R)
Trane Co. (C)
Tube Form Control, Inc. (A)
Tubenfin Coils (C, H)
United Electric Co. (C, H)
Wright Mfg. Co. (A, C, H, R)
York Div. (C)
Young Radiator Co. (C)

Evaporators, Bare Pipe Coil

Coolenheat, Inc.
Dean Products, Inc.
Frick Co.
Frigid Coil
Howe Ice Machine Co.
Imeco, Inc.
Peerless of America, Inc.
Refrigeration Appliances, Inc.
Rigidbilt, Inc.
Roessing Mfg. Co.
Rudy Mfg. Co.
Russell Coil Co.
Super Radiator Corp.
Tenney Engineering, Inc.
York Div.
Yula Corp.

Evaporators, Direct Expansion

Acme Industries, Inc.
Astro Products Corp.
Bell & Gossett Co.
Belt-Ice Corp.
Blissfield Mfg. Co.
Bohn Aluminum & Brass Corp., Danville Div.
Brazeway, Inc.
Capitol Refrigeration, Inc.
Cobell Industries, Inc.
Curtis Mfg. Co.
Dean Products, Inc.
Drayer-Hanson
Drying Systems Co.
Dunham-Bush, Inc.
Fraser & Johnston Co.
Frick Co.
Frigid Coil
Howe Ice Machine Co.
Imeco, Inc.
Kramer Trenton Co.
Larkin Coils, Inc.
Lennox Industries, Inc.
Magic Aire Div.
Marlo Coil Co.
McQuay, Inc.
Metals Div.
Muncie Gear Works, Inc.
Patterson-Kelley Co., Inc.
Peerless of America, Inc.
Perfex Corp.
Recold Corp.
Refrigeration Appliances, Inc.
Reynolds Metals Co.
Rigidbilt, Inc.
Rudy Mfg. Co.
Russell Coil Co.
Super Radiator Corp.
Temtrol, Inc.
Tenney Engineering, Inc.
Thermal Engineering Corp.
Trane Co.
Tubenfin Coils
United Electric Co.
United States Air Conditioning Corp.
Western Supply Co., Mfg. Div.
Westinghouse Electric Corp., Air Conditioning Div.
Whitlock Mfg. Co.
Witt Co., Inc., A. H.
York Div.
Young Radiator Co.
Yula Corp.

Evaporators, Domestic Refrigerator

Bohn Aluminum & Brass Corp.
Brazeway, Inc.
Danfoss, Inc.
McQuay, Inc.
Metals Div.
Peerless of America, Inc.
Quincy Products Co.
Reynolds Metals Co.
Rudy Mfg. Co.
Wall Tube & Metal Products Co.

Evaporators, Eutectic Plates

Dole Refrigerating Co.

Extension Cords, Air Conditioner

Beckley Electric Co.
Pacific Electricord Co.

Fan Assemblies, Complete

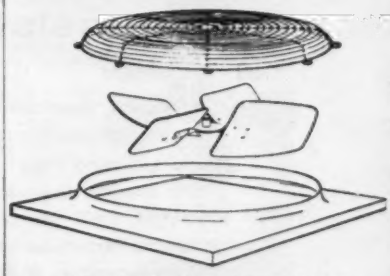
(A—Axial; P—Propeller)

Air Conditioning Engineering Co. (A, P)
Air Controls, Inc. (P)
Airserco Mfg. Co.
American Air Filter Co., Inc. (P)
American Coolair Corp. (P)
American-Standard Industrial Div. (A, P)
Ammerman Co., Inc.
Bahnson Co. (A)
Bar-Brook Mfg. Co., Inc. (A, P)
Bayley Blower Co.

(Continued)

Original Equip. Mfrs.:

VENTCO VENTURI, BLADES, GUARDS



ALL SIZES, 10" through 60"
Precision Engineered
Competitively Priced for Your Product and Profit!

Ventco, Inc.

FAirfax 3-6232 — 1210 Tuam
HOUSTON 4, TEXAS

See complete addresses in Alphabetic Section, page 25

(Continued)

Bertram Co., Harvey P.
Buffalo Forge Co. (A, P)
Bush Mfg. Co.
Carnes Corp. (A, P)
Champion Blower & Forge Co., Inc. (P)
Chicago Blower Corp. (A, P)
Davidson Fan Co.
Dayton Electric Mfg. Co. (P)
DeBothezat Fans Div. (A, P)
DeVilbiss Co.
Diehl Mfg. Co. (P)
Electric Motors & Specialties, Inc. (P)
Emerson Electric Mfg. Co. (P)
Frigid, Inc. (A, P)
Garrett Corp. (A)
Genie-Air (P)
Greenheck Fan & Ventilator Corp. (P)
Heil Process Equipment Corp. (A, P)
Higgins Metal Products Co.
Howard Industries, Inc.
Ilg Electric Ventilating Co. (A, P)
International Oil Burner Co. (P)
Jenn Air Products Co., Inc.
Johnson Tank & Tower (A, P)
Joy Mfg. Co. (A)
Kisco Co., Inc. (A, P)
Kody Blower Co. (A, P)
Kol-Master Corp. (A, P)
Marley Co. (P)
Martin Fan & Blower Co. (A, P)
Maurey Mfg. Corp. (P)
McLarty Systems (A, P)
Morrill Motors, Inc.
Octagon Ventilator Mfg. Co. (P)
Porter Co., Inc., H. K., Peerless Electric Div. (A, P)
Reynolds Electric Co. (P)
Rich Fan Mfg. Co., Inc., Phil (A, P)
Robbins & Myers, Inc. (A, P)
Rotron Mfg. Co., Inc. (A, P)
Russell Coil Co.
Safety Electrical Equipment Corp. (A, P)
Sheldons Mfg. Corp. (A, P)
South Bend Air Products, Inc. (A, P)
Stamford Fan Co., Inc. (A, P)
Standard Electric Mfg. Co., Inc. (A, P)
Stewart Industries, Inc. (A, P)
Swartwout Fabricators, Inc. (A, P)
Swift Mfg. Co. (P)
Trane Co. (A, P)
United States Air Conditioning Corp.
Ventco, Inc. (P)
Walker Mfg. & Sales Corp. (P)
Westinghouse Electric Corp., Sturtevant Div. (A, P)
Whitty Co., Inc.
Wing Mfg. Co., L. J. (A, P)

Fan Blades

Ainsworth Mfg. Co.
Air Conditioning Engineering Co.
Air Controls, Inc.
Airserco Mfg. Co.
American Air Filter Co., Inc.
Ammerman Co., Inc.
Amos Molded Plastics
Bar-Brook Mfg. Co.
Bayley Blower Co.
Bertram Co., Harvey P.
Brookside Corp.
Buffalo Forge Co.
Bush Mfg. Co.
Champion Blower & Forge Co., Inc.
Chicago Blower Corp.
Cyclo-Freez Corp.
Dayton Electric Mfg. Co.
DeBothezat Fans Div.
Diehl Mfg. Co.

(Continued)

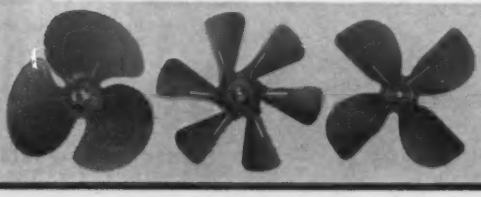
Regardless of volume produced...

SWIFT FAN BLADES

are consistent in balance and pitch

EVERY Swift "Silent-Aire" fan blade meets print specifications, regardless of the size of the production run. Close manufacturing tolerances are adhered to, with a quality control program that is second to none in the industry. *Every fan is in proper balance. Every blade has the specified pitch.* Known for exceptionally high efficiency, Swift fan blades are engineered to prevent vibration and noise problems. Perfect fan balance prevents excessive motor wear or bearing damage.

Swift laboratory and engineering facilities can produce a fan for *any application to move air.* 2, 3, 4, 5, and 6 bladed fans, from 3" to 30" diameter.



Standard of the industry since 1914

SWIFT MANUFACTURING CO., Inc.
13595 Helen St. • Detroit 12, Mich.
TWinbrook 3-5590 (Area Code 313)

Manufacturers of Fans · Blowers · Air Moving Equipment

Brookside CORPORATION

McCordsville, Indiana, ED. 5-2101

Brookside Corporation is large enough to service you well—small enough to insure top quality and coordination of all customer requirements. A company-owned airplane is maintained to offer the fastest possible service and engineering assistance when necessary.

SERIES 50 FORWARD CURVE BLOWERS

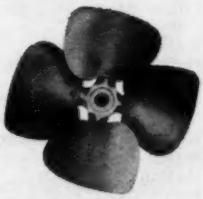
- ***Up to 15% better performance characteristics***
- **Complete electric welded construction insures no loose blades to amplify motor noises . . . guarantees sturdier, more uniform blade alignments • Solid or resilient mounted hubs**
- **Designed for *your* requirements to fit *your* equipment**
- **Quieter operation through aerodynamic design.**

6-BLADE, ONE PIECE FANS in a wide range of sizes from 6″ diameter 4-blade to 14″ diameter 6-blade. Some with slinger rings for room air conditioner application. Aluminum or steel.

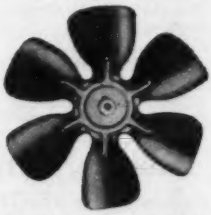
AUTOMOTIVE TYPE: Heavy-duty, single and double spider types, in steel and aluminum blades. Wide range of sizes from 10″ through 85″ diameter. Available in 4, 5, 6, and 8-blade designs suitable for gasoline or diesel engines and cooling tower applications.

SLINGER TYPE for air conditioning and conventional propeller type fans for ventilating and other applications, all engineered to your specifications free of charge. Slinger rings are all one-piece die drawn.

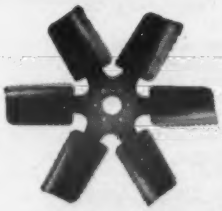
A LARGE SELECTION OF MODELS is available from "stock" dies in either one piece or fabricated construction. Whether you require 1,000 or 1,000,000 units per year, you'll find Brookside's facilities adequate for large production . . . small enough for limited quantities . . . all at competitive prices.



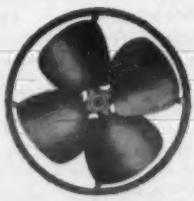
4-BLADE WITHOUT RING



6-BLADE ONE PIECE



4-5-6 & 8 BLADE AUTOMOTIVE TYPE



4-BLADE WITH RING

6-BLADE WITHOUT RING

SLINGER TYPE

CUSTOM ENGINEERING FREE OF CHARGE—PRODUCTION AT COMPETITIVE PRICES

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Electric Motors & Specialties, Inc.
Frigid, Inc.
Heil Process Equipment Corp.
Howard Industries, Inc.
Johnson Tank & Tower
Marley Co.
Martin Fan & Blower Co.
Maurey Mfg. Corp.
Meier Div.
Morrill Motors, Inc.
Porter Co., Inc., H. K., Peerless Electric Div.
Revcor, Inc.
Rich Fan Mfg. Co., Inc., Phil
Russell Coil Co.
South Bend Air Products, Inc.
Swift Mfg. Co.
Torrington Mfg. Co.
Trane Co.
Ventco, Inc.

Fasteners

Airserco Mfg. Co.
Allmetal Screw Products Co., Inc.
Bethlehem Steel Co.
Chase Brass & Copper Co., Inc.
Duro-Dyne Corp.
Holub Industries, Inc.
Huck Mfg. Co.
Jamison Cold Storage Door Co.
Kason Hardware Corp.
Malco Products
National Lock Co.
Paine Co.
Parker-Kalon
Parker Seal Co.
Phillips Drill Co.
Republic Steel Corp.
Shakeproof Div.
Shurclose Seal Co.
Simmons Fastener Corp.
Southern Screw Co.
Tinnerman Products, Inc.
Universal Screw Co.

Faucets, Mixing

Carbonic Dispenser, Inc.
Hedeman Products, Inc.
Knight Corp., Stanley
Perlick Co., Inc.
S & R Soda Fountain Mfg. Co., Inc.
Superior Refrigerator Mfg. Co., Inc.

Feeders Chemical Proportioning

Anderson Chemical Co., Inc.
B-I-F Industries, Inc.
Chemicator Div.
Haering & Co., Inc., D. W.
Permutit Co.
Wallace & Tiernan, Inc.

Filter Holding Frames

Evans Co., George

Filters, Activated Carbon

Barnebey-Cheney
Connor Engineering Corp.

Filters, Oil

Air-Maze Div.
Auto-Flo Corp.
Barbron Corp.
Canadian General Filters, Ltd.
Commercial Filters Corp.
Cuno Engineering Corp.
Eddington Metal Specialty Co.
Fram Aire Corp.
General Filters, Inc.
Gould-National Batteries, Inc., Engine Parts Div.
McIntire Co.
Ronningen-Petter Co.
Zippertubing Co.

Filters, Pipe Line

Air-Maze Div.
American Air Filter Co., Inc.
Barbron Corp.
Cambridge Filter Corp.
Commercial Filters Corp.
Cuno Engineering Corp.
Dollinger Corp.
Eddington Metal Specialty Co.
Filtrine Mfg. Co.
McIntire Co.
Phillips & Co., H. A.
Sarco Co., Inc.
Ronningen-Petter Co.
Zippertubing Co.

Finishes

(E—Enamels; C—Corrosion Resistant; M—Metallizing; P—Paint; PO—Porcelain)

American Solder & Flux Co. (C)
Dayton Electric Mfg. Co. (E, P)
du Pont de Nemours & Co., Inc., E. I. (E, C, P)
Ferro Corp. (PO)
Galvicon Corp. (C)
Interchemical Corp., Finishes Div. (E, C, P)
Markal Co. (C)
Patterson-Sargent Co. (E, C, P)
Quick Industries (C)
Rust-Oleum Corp. (C)
South Bend Air Products, Inc. (C)
West Chester Chemical Co. (C, P)
Wilbur & Williams Co., Inc. (C)

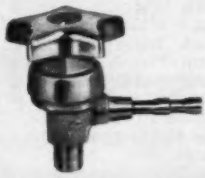
Fittings

(P—Pipe; T—Tube)

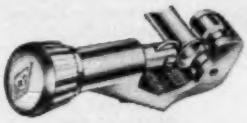
Alpha Plastics, Inc. (P)
Aluminum Co. of America (P)
Amcoin Corp. (P, T)
American Tube & Controls, Inc. (T)
Ammerman Co., Inc. (P, T)
Anaconda American Brass Co. (T)
Babcock & Wilcox Co., Tubular Products Div. (P)
Belt-Ice Corp.
Chase Brass & Copper Co., Inc. (P, T)
Commonwealth Brass Corp. (P, T)
Dart Union Co. (P)
Dawson Metal Products (T)
Elkhart Products Corp. (T)
Frick Co. (P)
Hedeman Products, Inc. (P)
Imperial-Eastman Corp. (P, T)
Johns-Manville (P)
Ladish Co. (P, T)
Lennox Industries, Inc. (P)
Madden Brass Products Co. (P, T)
Moore & Co., Samuel, Dekoron Products Div. (T)
Mueller Brass Co. (T)
Nibco, Inc. (P, T)
Parker Fittings & Hose Div. (P, T)
Parks-Cramer Co. (P)
Peerless Corp. (P, T)
Phelps Dodge Copper Products Corp. (P, T)
Piper Industries, Inc. (T)
Porter Co., H. K., Forge & Fittings Div. (P)
Republic Steel Corp. (P, T)
Robert Mfg. Co. (P, T)
Round Oak Div. (P)
Selmix Dispensers, Inc. (P, T)
Shurclose Seal Co. (P, T)
Spanco Brass Sales (P, T)
Stratoflex, Inc. (T)
Superior Valve & Fittings Co. (P, T)
Tube Turns Div. (P, T)
Tube Turns Plastics, Inc. (P)
Victaulic Co. of America (P, T)
Vilter Mfg. Corp. (P)
Weatherhead Co. (P, T)
Yardley Plastics Co. (P)
York Div.

Step up installation profits with time-saving IMPERIAL products

New Diaphragm Valves in 2-way and angle types have Heat-Stop—a thermal barrier on tube extensions for solder connections. No need to disassemble valves or wrap them in wet rags. Two metal diaphragms, heat-stabilized nylon seat for longer life. Solder or flare connections. For ¼" to ⅞" O.D. tube.



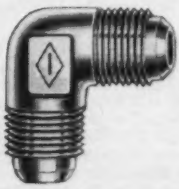
New Color-Coded Liquid-Moisture Indicators—tell at glance if moisture present or system fully charged. Has large letters—can be seen at greater distance. Special "O" ring seals glass to body—Flare connections for ¼" to 5/7" O.D. Solder connections for ¼" to 2⅛" O.D.



Tubing Tools, engineered to speed your tubing connections. Industry's leading tools for cutting. flaring, bending, swaging, pinch-off, reaming and refacing.

New Universal Tap-A-Can Valve fits *all* refrigerant cans—flat head, male spud or female threaded. No fumbling, no chance of misplacing rings. Adjust guide and ring holder, tighten valve on can and attach charging line. Dispenses any part of the refrigerant and saves rest.

Tube Fittings—heavyweight, refrigeration quality flared fittings that give extra protection against leakage. Long-length Dry-seal pipe threads provide extra length necessary for take up on reconnection. Nuts, tees and elbows made from brass forgings.



New Hermetic Piercing Valve has no loose parts, no bolts or screws. Slip unique C-clamp type valve over tube, tighten nut, turn setscrew and pierce tube. Tap line at any point. Handles 3/16", ¼", 5/16" and ⅜" O.D.

Ask for your copy of the all-new IMPERIAL REFRIGERATION CATALOG, covering Industry's most complete line. See your Jobber.

IMPERIAL EASTMAN

Imperial-Eastman Corporation General Offices: 6300 West Howard Street, Chicago 48, Illinois

Imperial-Eastman Corporation (Canada) Ltd., Barrie, Ontario

Imperial-Eastman, S.A., Apartado Postal 26544, Mexico 13, D.F

See complete addresses in Alphabetic Section, page 25

Fluxes, Soldering, Welding, and Brazing

All-State Welding Alloys Co., Inc.
American Brazing Alloys Corp.
American Products Corp.
American Solder & Flux Co.
Chase Brass & Copper Co., Inc.
Dalweld Co., Inc.
du Pont de Nemours & Co., Inc., E. I.
Engelhard Industries, Inc.
Engelhard Industries, Inc., American Platinum & Silver Div.
Farrelloy Corp.
Handy & Harman
Harris Co., J. W.
Krembs & Co.
Lake Chemical Co.
Linde Co.
Liquid Carbonic Div.
Metals & Controls, Inc.
Mueller Brass Co.
Pfanstiehl Laboratories, Inc.
Rotometals
Sunshine Chemical Co., Inc., John
United Wire & Supply Corp.
Wabash Corp.

Forgings

Aluminum Co. of America
American Brake Shoe Co.
Anaconda American Brass Co.
Bethlehem Steel Co.
Bohn Aluminum & Brass Corp.
Chase Brass & Copper Co., Inc.
Higgins Metal Products Co.
Ladish Co.
Madden Brass Products Co.
Mueller Brass Co.
Revere Copper & Brass, Inc.
Ryerson & Son, Inc., Joseph T.
Shurclose Seal Co.
Titan Metal Mfg. Co.
Transue & Williams Steel Forging Corp.

Freezers, Domestic

Admiral Corp.
Amana Refrigeration, Inc.
Barkow Mfg. Co., Inc., Aug. G.
Esco Cabinet Co.
Frigidaire Div.
General Electric Co., Household Refrigerator Dept.
Gibson Refrigerator Sales Corp.
Glasco Corp.
Hotpoint Div.
Jordon Commercial Refrigerator Co.
Marvel Industries, Inc.
Philco Corp.
Quicfrez, Inc.
Ranney Refrigerator Co.
United Refrigerator Co.
Whirlpool Corp.

Freezers, Food Processing

Barron Products, Inc.
Belt-Ice Corp.
Bromann Bros., Inc.
Dole Refrigerating Co.
Frick Co.
Herrel & Sons, Inc., John
Imeco, Inc.
Jordon Commercial Refrigerator Co.
Kohlenberger Engineering Corp.
McQuay, Inc.
Mueller Co., Paul
Nelson Mfg. Co., C.
Schmidt Co., C.
Zero Cold, Inc.

Freezers, Ice Cream

(B—Batch; C—Continuous)

Freez King Corp. (B, C)
Freeze-Eazy Industries
Jordon Commercial Refrigerator Co.
Miller & Son, Inc., Franklin P. (B)
Nelson Mfg. Co., C.
Sweden Freezer Mfg. Co. (C)
Tekni-Craft (B, C)
Thompson Machine & Supply Co., Emery
Weber Showcase & Fixture Co.

Fuses, Fusetrons, Fusestats

Bussmann Mfg. Div.
Thermal Controls, Inc.

Fusible Plugs

A C & R Components, Inc.
Bussmann Mfg. Div.
Hubbell, Inc., Harvey
Lunkenheimer Co.
Madden Brass Products Co.
Mueller Brass Co.
Superior Valve & Fittings Co.
Swift Lubricator Co., Inc.
Weatherhead Co.

Gaskets, Compressor

Anchor Packing Co.
Armstrong Cork Co.
Auburn Mfg. Co.
Chicago-Wilcox Mfg. Co.
Garlock, Inc.
General Tire & Rubber Co.
Goodall Rubber Co.
Goodrich Co., B. F., Sponge Products Div.
Irving Hermetics-Valve Plates, Bill
Johns-Manville
Johnson Rubber Co.
Minisink Rubber Co., Inc.
Parker Seal Co.
Raybestos-Manhattan, Inc.
Russell Gasket Co.
Sealed Unit Parts Co., Inc.
Shurclose Seal Co.
United States Rubber Co.
Warriner Hermetics, Inc.
Watsco, Inc.
Wilson, Inc., Grant

Gaskets, Door

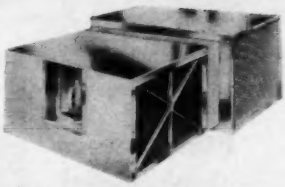
Anchor Packing Co.
Armstrong Contracting & Supply Corp.
Auburn Mfg. Co.
Bridgeport Fabrics, Inc.
Butcher Boy Refrigerator Door Co.
Chardon Rubber Co.
Chase Industries, Inc.
Eskay Mfg. Co.
Garlock, Inc.
Geauga Industries Co.
General Tire & Rubber Co.
Goodall Rubber Co.
Goodrich Co., B. F., Sponge Products Div.
Goodyear Tire & Rubber Co.
Inland Mfg. Div.
Jamison Cold Storage Door Co.
Jarrow Products, Inc.
Johns-Manville
Johnson Plastic Corp.
Johnson Rubber Co.
Kason Hardware Corp.
Minisink Rubber Co., Inc.
Northland Plastics, Inc.
Parker Seal Co.
Pawling Rubber Corp.
Polar Hardware Mfg. Co.
Raybestos-Manhattan, Inc.
Standard-Keil Hardware Mfg. Co., Inc.
United States Rubber Co.
Wilson, Inc., Grant

Maximum Refrigeration Efficiency
DOLE
THE Cel LINE

Specialized Refrigeration

STANDARD OF THE INDUSTRY
FOR OVER THIRTY YEARS

Cold-Cel TRUCK PLATES
HOLDOVER FOR STOPOVERS

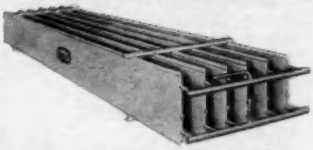


Lectro-Cel ELECTRIC OVER-THE-ROAD TRUCK REFRIGERATION UNITS

Truk-Cel EUTECTIC BLOWER UNITS

THE **COMPLETE** LINE OF TRUCK REFRIGERATION EQUIPMENT

QUICK FREEZE
SHELF STANDS AND PLATES

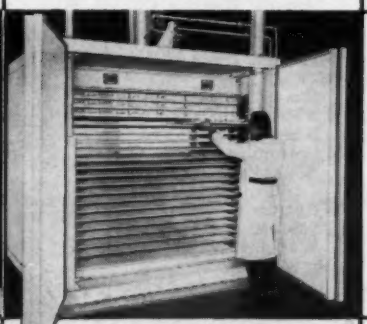


OVERHEAD VACUUM PLATE BANKS AND PLATES

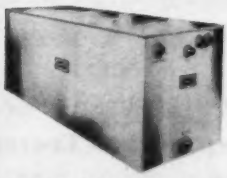
For Low Temperature Food Storage

Heat-Cel
AUTOMATIC HOT GAS RE-EVAPORATOR FOR BLOWER COILS

Freze-Cel MODEL 2735
SELF-CONTAINED
DOUBLE CONTACT FOOD FREEZER
6, 7 or 8 Station Units
For The Smaller Operation



Freze-Cel MODEL 4672
DOUBLE CONTACT FOOD FREEZER
9 to 24 Stations—Available without cabinet for installation in existing low temperature area



Ice-Cel ACCUMULATOR FOR AIR CONDITIONING AND PRODUCT COOLING

WRITE FOR FREE ENGINEERING CATALOGS

DOLE REFRIGERATING COMPANY
5920 NORTH PULASKI ROAD, CHICAGO 46, ILLINOIS
103 PARK AVENUE, NEW YORK 17, N.Y.
DOLE REFRIGERATING PRODUCTS LIMITED
OAKVILLE, ONTARIO, CANADA

ALSO *Air-Cel* AC-DC CIRCULATING FAN UNITS
CABINET HOLDOVER PLATES
HOLDOVER CABINET LINERS
HOLDOVER CARTRIDGES
SALAD TABLE PLATES
ACCUMULATOR TYPE HEAT EXCHANGERS
MAKE-AND-BREAK VALVES
FLEXIBLE HOSES FOR MAKE-AND-BREAK SYSTEMS

EXPORT DIVISION—C. C. RYAN, EXPORT MANAGER
103 PARK AVENUE, NEW YORK 17, N. Y. • PHONE: MUrrayhill 5-0693 • CABLE: DOLEREFCO

Gauges and Instruments

Air Filter Efficiency Gauges

Bacharach Industrial Instrument Co.
Burke & Co.
Cambridge Filter Corp.
Dietz Co., Inc., Henry G.
Dwyer Mfg. Co., F. W.
Ellison Draft Gage Co., Inc.
General Controls Co.
Meriam Instrument Co.
Minneapolis-Honeywell Regulator Co.
Robinair Mfg. Corp.

Ammeters

Airserco Mfg. Co.
Daystrom, Inc., Weston Instruments Div.
Engelhard Industries, Inc.
General Electric Co.
Minneapolis-Honeywell Regulator Co.
Pyramid Instrument Corp.
Servair, Inc.
Simpson Electric Co.

Anemometers

Anemostat Corp. of America
Bacharach Industrial Instrument Co.
Belfort Instrument Co.
Dwyer Mfg. Co., F. W.
Ellison Draft Gage Co., Inc.
G. M. Mfg. Co.
Hastings-Raydist, Inc.
Wallace & Tiernan, Inc.

Cable Tracer, Electric

Pyramid Instrument Corp.

Capacitor Testers

Airserco Mfg. Co.
Watsco, Inc.

Capillary Tester

Sealed Unit Parts Co., Inc.

Combustion Testing Kits

Bacharach Industrial Instrument Co.
Dwyer Mfg. Co., F. W.
Ellison Draft Gage Co., Inc.
Robinair Mfg. Corp.
Victory Engineering Corp.

Draft Gauges

Bacharach Industrial Instrument Co.
Bailey Meter Co.
Burke & Co.
Cleveland Controls, Inc.
Dwyer Mfg. Co., F. W.
Ellison Draft Gage Co., Inc.
General Controls Co.
Manning, Maxwell & Moore, Inc.
Meriam Instrument Co.
Republic Flow Meter Co.
Wallace & Tiernan, Inc.

Flowmeters

(A—Air; G—Gas; R—Refrigerant)

Air Conditioning Equipment Corp.
Airserco Mfg. Co. (A)
B-I-F Industries, Inc. (A, G, R)
Bacharach Industrial Instrument Co. (A)
Bailey Meter Co. (A, G)
Black, Sivalls & Bryson, Inc. (A, G)
Bristol Co. (A, G)
Dietz Co., Inc., Henry G.
Dwyer Mfg. Co., F. W. (A, G)
Ellison Draft Gage Co., Inc. (A, G)
Fischer & Porter Co. (A, G, R)
Foxboro Co. (A, G, R)
General Controls Co. (A, G, R)
General Electric Co. (G, R)
Hastings-Raydist, Inc. (A, G)
Meriam Instrument Co. (A, G)
Minneapolis-Honeywell Regulator Co. (A, G)
Penn Meter Co. (A, G)
Petrometer Corp. (A)
Republic Flow Meter Co. (A, G, R)
Rotron Mfg. Co., Inc. (G)
Schutte & Koerting Co.
Wallace & Tiernan, Inc. (A, G)

Gauge Manifolds

Airserco Mfg. Co.
Hedeman Products, Inc.
Henry Valve Co.
Madden Brass Products, Inc.
Petrometer Corp.
Republic Flow Meters Co.
Robinair Mfg. Corp.

Gauges, Compound

Airserco Mfg. Co.
American-Standard Controls Div.
Bristol Co.
Cleveland Controls, Inc.
Ellison Draft Gage Co., Inc.
Flair Mfg. Corp.
Foxboro Co.
Hubbell Corp.
Madden Brass Products Co.
Manning, Maxwell & Moore, Inc.
Marsh Instrument Co.
Republic Flow Meter Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Robinair Mfg. Corp.
Weksler Instruments Corp.

Gauges, Vacuum

Airserco Mfg. Co.
American Standard Controls Div.
Bailey Meter Co.
Beach-Russ Co.
Bristol Co.
Cleveland Controls, Inc.
Consolidated Electrodynamics Corp.
Consolidated Vacuum Corp.
Ellison Draft Gage Co., Inc.
Flair Mfg. Corp.
General Controls Co.
General Electric Co.
Hastings-Raydist, Inc.
Hubbell Corp.
Kinney Mfg. Div.
Madden Brass Products Co.
Manning, Maxwell & Moore, Inc.
Marsh Instrument Co.
Meriam Instrument Co., Inc.
NRC Equipment Corp.
Republic Flow Meters Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Robinair Mfg. Corp.
Servair, Inc.
Stokes Corp., F. J.
Wallace & Tiernan, Inc.
Weksler Instruments Corp.

Hermetic Analyzers

Airserco Mfg. Co.
Automation Products, Inc.
Mechanical Refrigeration Enterprises
Robinair Mfg. Corp.
Sealed Unit Parts Co., Inc.

Humidity Indicators

Airserco Mfg. Co.
American Instrument Co., Inc.
Bacharach Industrial Instrument Co.

(Continued)

Portable Charging Station

5-Unit Combination Station

Pressurized Nitrogen Tracer Gas Unit

5-Unit Vacuum Station

Electrical Tester

High Vacuum Pump

Hermetic Compressor Opener

Cart-Stand and Mobile Measuring Tube Combination

Hermetic Compressor Analyzer

Electric Thermopile High Vacuum Gauge

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CALL AIRSERCO

"from a test cord to a complete production line facility"

Experience proves it . . . Airserco offers the best for:

- High vacuum pumps
- Nitrogen pressure tracer gas units
- Refrigerant handling and measuring equipment
- Leak detectors
- Electrical analyzers
- Vacuum gauges and instruments
- Charging panels and stations
- Tank racks and accessories

THESE AIRSERCO PRODUCTS EQUIP YOU FOR FASTER, BETTER PRODUCTION AT A LOWER COST! Select any one of these highly engineered units from the industry's most versatile line – there's one exactly right for your application.

"The company that needs testing and processing equipment, is already paying for it."

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AIRSERCO PITTSBURGHPA

AIRSERCO MANUFACTURING CO.

PITTSBURGH 13, PENNSYLVANIA, U.S.A.

See complete addresses in Alphabetic Section, page 25

(Continued)

Belfort Instrument Co.
Bendix Corp., Friez Instrument Div.
Bristol Co.
Fischer & Porter Co.
Foxboro Co.
G M Mfg. Co.
Hygrodynamics, Inc.
Johnson Service Co.
Kahn & Co., Inc.
Minneapolis-Honeywell Regulator Co.
Moeller Instrument Co.
Pacific Transducer Corp.
Palmer Thermometers, Inc.
Parks-Cramer Co.
R. I. Humidifiers & Vent Co., Inc.
Robinair Mfg. Corp.
Royco Instruments, Inc.
Serdex, Inc.
Universal Dynamics Corp.
Weksler Instruments Corp.

Humidity Recorders

American Instrument Co., Inc.
Belfort Instrument Co.
Bendix Corp.
Bristol Co.
Fischer & Porter Co.
Foxboro Co.
General Controls Co.
Hygrodynamics, Inc.
Johnson Service Co.
Kahn & Co., Inc.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co.
Moeller Instrument Co.
Palmer Thermometers, Inc.
Partlow Corp.
R. I. Humidifiers & Vent Co., Inc.
Serdex, Inc.
Universal Dynamics Corp.
Weksler Instruments Corp.

Hygrometers

Airserco Mfg. Co.
American Instrument Co., Inc.
American Moistening Co.
Belfort Instrument Co.
Bendix Corp., Friez Instrument Div.
Bristol Co.
Fischer & Porter Co.
Foxboro Co.
G M Mfg. Co.
Hygrodynamics, Inc.
Kahn & Co., Inc.
Moeller Instrument Co.
Palmer Thermometers, Inc.
Parks-Cramer Co.
Serdex, Inc.
Weksler Instruments Corp.

Manometers

Airserco Mfg. Co.
American Instrument Co., Inc.
Bacharach Industrial Instrument Co.
Burke & Co.
Consolidated Electrodynamics Corp.
Dietz Co., Inc., Henry G.
Dwyer Mfg. Co., F. W.
Ellison Draft Gage Co., Inc.
Fischer & Porter Co.
Foxboro Co.
General Controls Co.
General Electric Co.
Manning, Maxwell & Moore, Inc.
Meriam Instrument Co.
Moeller Instrument Co.
Penn Meter Co.
Petrometer Corp.
Republic Flow Meters Co.
Robinair Mfg. Corp.
Wallace & Tiernan, Inc.

Meters, Btu

Air Conditioning Equipment Corp.
Bailey Meter Co.
Bristol Co.
General Electric Co.
Penn Meter Co.
Republic Flow Meters Co.
Simpson Electric Co.

Moisture Analyzers

Airserco Mfg. Co.
American Instrument Co., Inc.
Consolidated Electrodynamics Corp.
General Electric Co.
Hygrodynamics, Inc.

Ohmmeters

Airserco Mfg. Co.
Associated Research, Inc.
Daystrom, Inc., Weston Instruments Div.
Leeds & Northrup Co.
Mechanical Refrigeration Enterprises
Pyramid Instrument Corp.
Robinair Mfg. Corp.
Servair, Inc.
Simpson Electric Co.
United Mineral & Chemical Corp.

Operation Recorders

Airserco Mfg. Co.
Bacharach Industrial Instrument Co.
Bristol Co.
Foxboro Co.
General Controls Co.
General Electric Co.
Powers Regulator Co.
Republic Flow Meters Co.
Robinair Mfg. Corp.
United Electric Controls Co.
Weksler Instruments Corp.

Psychrometers, Sling and Stationary

Airserco Mfg. Co.
American Instrument Co., Inc.
American Moistening Co.
Bacharach Industrial Instrument Co.
Belfort Instrument Co.
Bendix Corp., Friez Instrument Div.
Bristol Co.
Foxboro Co.
G M Mfg. Co.
Palmer Thermometers, Inc.
Parks-Cramer Co.
Robinair Mfg. Corp.
Wallace & Tiernan, Inc.
Weksler Instruments Corp.

Pyrometers

Bailey Meter Co.
Bristol Co.
Engelhard Industries, Inc.
Foxboro Co.
General Controls Co.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co.
Pacific Transducer Corp.
Simpson Electric Co.

Smoke Indicators

Bacharach Industrial Instrument Co.
Bristol Co.
Brooke Engineering Co., Inc.
Cleveland Controls, Inc.
Dwyer Mfg. Co., F. W.
General Electric Co.
Photomation, Inc.
Robinair Mfg. Corp.

Smoke Monitors

Bailey Meter Co.
Bristol Co.
Brooke Engineering Co., Inc.
Cleveland Controls, Inc.
De-Tec-Tronic Corp.
General Electric Co.
Leeds & Northrup Co.

Tank Gauges

Automation Products, Inc.
Boston Machine Works Co.
Canadian General Filters, Ltd.

(Continued)

(Continued)

Fischer & Porter Co.
Foxboro Co.
Hedeman Products, Inc.
Henry Valve Co.
Huyette Co., Inc., Paul B.
Manning, Maxwell & Moore, Inc.
Meriam Instrument Co.
Petrometer Corp.

Thermocouples

Airserco Mfg. Co.
American Instrument Co., Inc.
Bailey Meter Co.
Barber-Colman Co.
Bristol Co.
Daystrom, Inc., Weston Instruments Div.
Engelhard Industries, Inc.
Foxboro Co.
General Controls Co.
General Electric Co.
Grayson Controls Div.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co.
Pacific Transducer Corp.
Robinair Mfg. Corp.
Royco Instruments, Inc.
Simpson Electric Co.
United Sensor & Control Corp.

Thermometers, Indicating

(D—Dial; L—Laboratory; P—Pocket)

Airserco Mfg. Co. (D, P)
American-Standard Controls Div. (D)
Bacharach Industrial Instrument Co. (D, L, P)
Barber-Colman Co. (L)
Bristol Co. (D)
Cleveland Controls, Inc. (D)
Daystrom, Inc., Weston Instruments Div. (D, L, P)
Dial Thermometer Div.
Engelhard Industries, Inc.
Fischer & Porter Co. (D)
Foxboro Co. (D)
G M Mfg. Co. (D, L, P)
Hygrodynamics, Inc.
Kahn & Co., Inc. (D)
Leeds & Northrup Co. (L)
Manning, Maxwell & Moore, Inc. (D, L, P)
Markal Co.
Marsh Instrument Co. (D, L, P)
McCorkle Co., D. H. (D)
Minneapolis-Honeywell Regulator Co. (D)
Moeller Instrument Co. (D, L, P)
OPW-Jordan Div.
Pacific Transducer Corp. (D, L, P)
Palmer Thermometers, Inc. (D, L, P)
Partlow Corp. (D)
Powers Regulator Co. (D)
Robertshaw-Fulton Controls Co., Fulton Sylphon Div. (D)
Robinair Mfg. Corp.
Rochester Mfg. Co., Inc. (D, L, P)
Royco Instruments, Inc. (L)
Sarco Co., Inc.
Simpson Electric Co. (D)
Tel-Tru Mfg. Co. (D, L, P)
Weksler Instruments Corp. (D, L, P)

Thermometers, Recording

Airserco Mfg. Co.
American Instrument Co., Inc.
Bacharach Industrial Instrument Co.
Bailey Meter Co.
Barber-Colman Co.
Bristol Co.
Fischbach & Moore, Inc.
G. M. Mfg. Co.
General Controls Co.
Johnson Service Co.
Kahn & Co., Inc.
Minneapolis-Honeywell Regulator Co.
Pacific Transducer Corp.
Powers Regulator Co.
United Electric Controls Co.
Weksler Instruments Corp.

Vibration Meters

Consolidated Electrodynamics Corp.
Fischer & Porter Co.
General Electric Co.
Kahn & Co., Inc.
Korfund Co., Inc.
MB Electronics
Vilter Mfg. Corp.

Voltammeters

Airserco Mfg. Co.
Bristol Co.
Daystrom, Inc., Weston Instruments Div.
Engelhard Industries, Inc.
General Electric Co.
Mechanical Refrigeration Enterprises
Minneapolis-Honeywell Regulator Co.
Pyramid Instrument Corp.
Robinair Mfg. Corp.
Servair, Inc.
Simpson Electric Co.

Voltmeters

Airserco Mfg. Co.
Bristol Co.
Daystrom, Inc., Weston Instruments Div.
General Electric Co.
Industrial Devices, Inc.
Minneapolis-Honeywell Regulator Co.
Robinair Mfg. Co.
Servair, Inc.
Simpson Electric Co.

Wattmeters

Airserco Mfg. Co.
Daystrom, Inc., Weston Instruments Div.
General Electric Co.
Robinair Mfg. Corp.
Simpson Electric Co.

Glass, Insulating

Air Seal Insulating Glass Units Co.
Pittsburgh Corning Corp.

Grease Filters

Air Devices, Inc.
Air-Maze Div.
American Air Filter Co., Inc.
Burke & Co.
Dollinger Corp.
Evans Corp., George
Perma-Fil Mfg. Co.
Research Products Corp.
S & R Soda Fountain Mfg. Co., Inc.
Smith Filter Corp.
Standard-Keil Hardware Mfg. Co., Inc.

Hardware

Allmetal Screw Products Co., Inc.
Bordner Mfg. Co.
Butcher Boy Refrigerator Door Co.
Chase Industries, Inc.
Dent Hardware Co.
Kason Hardware Corp.
National Lock Co.
Polar Hardware Mfg. Co.
Premco Machine Co.
Standard-Keil Hardware Mfg. Co., Inc.

Hardware, Cabinet

Bordner Mfg. Co.
Dent Hardware Co.

(Continued)

(Continued)

Grand Rapids Brass Co.
Kason Hardware Corp.
National Lock Co.
Polar Hardware Mfg. Co.
Premco Machine Co.
Standard-Keil Hardware Mfg. Co., Inc.

Heat Exchangers, Liquid Line

Acme Industries, Inc.
Allis Co., Louis
American-Standard Industrial Div.
Astro-Products Corp.
Bohn Aluminum & Brass Corp., Danville Div.
Carrier Air Conditioning Co.
Danfoss, Inc.
Dole Refrigerating Co.
Dunham-Bush, Inc.
Frick Co.
Frigid Coil
Garrett Corp.
General Fittings Co.
Heat Exchangers, Inc.
Heat-X, Inc.
Heatron, Inc.
Heil Process Equipment Corp.
Kold Hold Div.
Larkin Coils, Inc.
Marlo Coil Co.
McQuay, Inc.
Mueller Brass Co.
Precision Heat Exchanger Co., Inc.
Refrigeration Research, Inc.
Super Radiator Corp.
Taco Heaters, Inc.
Vilter Mfg. Co.
Westinghouse Electric Corp., Air Conditioning Div.
Whitlock Mfg. Co.
Young Radiator Co.
Yula Corp.

Heat Pumps, Self-Contained

(A—Air to Air;
W—Water to Air;
WW—Water to Water)

Addison Products Co. (A, W, WW)
Airtemp Div. (A)
American Furnace Co. (A)
American-Standard, Air Conditioning Div. (A)
Astro Products Corp. (A)
Bard Mfg. Co. (A)
Brown Products Corp., A. (A)
Carrier Air Conditioning Co. (A)
Century Engineering Corp. (A)
Cobell Industries, Inc.
Crane Co., Plumbing, Heating & Air Conditioning Group, Air Conditioning & Refrigeration Div.
Custom-Aire Products Div. (A)
Day & Night Mfg. Co. (A)
Delco Appliance Div. (A)
Drying Systems Co. (A)
Forston Co. (A)
Gaffers & Sattler (A)
General Electric Co., Air Conditioning Dept., Major Appliance Div. (A)
Heat Controller, Inc. (A)
Heat Exchangers, Inc. (W)
Henry Furnace Co. (A)
International Heater Co. (A)
Lennox Industries, Inc. (A)
Mueller Climatrol (A)
Muncie Gear Works, Inc. (A)
Olsen Mfg. Co., C. A. (A)
Payne Co. (A)
Perfection Div. (A)
Republic Air Conditioning Co. (A)
Revco, Inc. (A)
Rheem Mfg. Co. (A)
Rybolt Heater Co. (A)
Solar Systems, Inc. (A)
Supreme-Aire Mfg. Co. (A)

(Continued)

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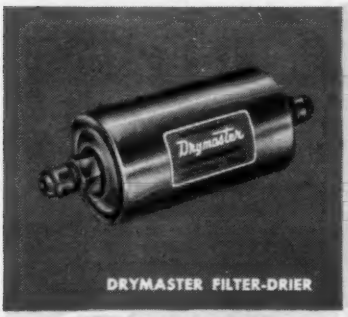

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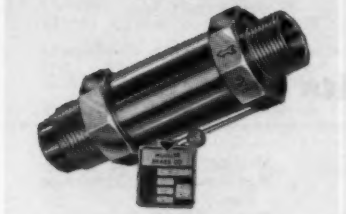
REFILLABLE ANGLE-TYPE DRYMASTER FILTER-DRIER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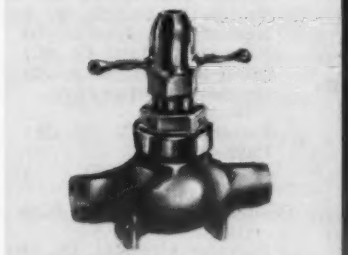
COPPER TUBE, FLARE AND SOLDER-TYPE FITTINGS

COMPRESSOR VALVES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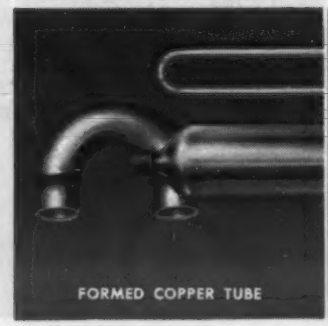
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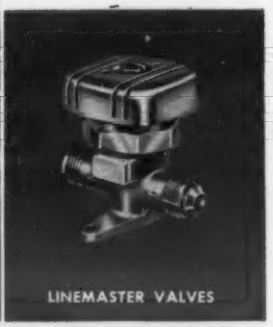
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See complete addresses in Alphabetic Section, page 25

(Continued)

Texas Products Mfg. Co. (A)
Thermo-Electronics, Inc. (A)
Typhoon Air Conditioning Div. (A, W, WW)
Typhoon Heat Pump Div. (A, W, WW)
Weatherking of Florida (A, W, WW)
Welbilt Air Conditioning & Heating Corp. (A, W)
Western Supply Co., Mfg. Div. (A, W)
Westinghouse Electric Corp., Air Conditioning Div. (A, W)
Wright Mfg. Co. (A)
York Div. (A)

Heat Pumps, Split System

(A—Air to Air; W—Water to Air; WW—Water to Water)

Acme Industries, Inc. (WW)
Addison Products Co. (A)
Airtemp Div. (A)
American Furnace Co. (A)
American-Standard, Air Conditioning Div. (A)
Brown Products Corp., A. (A)
Carrier Air Conditioning Co. (A)
Cobell Industries, Inc. (A)
Crane Co., Plumbing, Heating, & Air Conditioning Group, Air Conditioning & Refrigeration Div. (A)
Custom-Aire Products Div. (A)
Delco Appliance Div. (A)
Drying System Co. (A)
Electric Heating & Cooling, Inc.
Emerson Electric Mfg. Co. (A)
Forston Co. (A)
Frick Co.
General Electric Co., Air Conditioning Dept., Major Appliance Div. (A)
Heat Controller, Inc. (A)
International Heater Co. (A)
Kramer Trenton Co. (A)
Lennox Industries, Inc. (A)
Mark & Co., Clayton (WW)
Mueller Climatrol (A)
Muncie Gear Works, Inc. (A)
National Thermatic Corp. (A, W)
Peerless Corp. (A)
Perfection Div. (A)
Repulic Air Conditioning Co. (A)
Revco, Inc. (A)
Rheem Mfg. Co. (A)
Round Oak Div. (A)
Rybolt Heater Co. (A)
Solar Systems, Inc. (A)
Stewart-Warner Corp., Heating & Air Conditioning Div. (A)
Supreme-Aire Mfg. Co. (A)
Texas Products Mfg. Co. (A)
Thermo-Electronics, Inc. (A)
Trane Co. (A)
Typhoon Air Conditioning Div. (A, W, WW)
Typhoon Heat Pump (A, W, WW)
Weatherking of Florida (A, W, WW)
Welbilt Air Conditioning & Heating Corp. (A)
Westinghouse Electric Corp., Air Conditioning Div. (A)
Wright Mfg. Co. (A)
York Div. (A, W, WW)

Heating Elements, Electric

Airtemp Div.
Cox & Co., Inc.
Custom-Aire Products Div.
Delco Appliance Div.
Electric Heating & Cooling, Inc.
General Fittings Co.
Heatrex, Inc.
Industrial Engineering & Equipment Co.
International Heater Co.
Mueller Climatrol
Springfield Wire & Tinsel Co.
Thermo-Electronics, Inc.
Tuttle & Co., H. W.
Typhoon Heat Pump
Wiegand Co., E. L.

Heating Units

Duct Furnaces, Commercial and Industrial

(Heat Source: G—Gas; O—Oil; R—Electric)

Air Conditioning Engineering Co. (G, O)
Airtemp Div. (G, O)
American Furnace Co. (G, O, R)
Arkos Mfg. Co. (G, O)
Bard Mfg. Co. (G)
Bryant Mfg. Co. (G)
Campbell Heating Co. (G, O)
Carrier Air Conditioning Co. (G)
Crane Co., Plumbing, Heating & Air Conditioning Group (G, O)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (G, O, R)
Dover Corp., Peerless Mfg. Div. (G)
Electromode Div. (R)
Empire Stove Co. (G)
Gaffers & Sattler (G)
Global Air Conditioning Div. (G)
Green Colonial, Inc. (G, O)
Hastings Air Conditioning Co., Inc. (G)
Hastings Air Control, Inc. (G)
Heat Controller, Inc. (G, R)
Henry Furnace Co. (G)
Holly-General Co. (R)
Hupp International Div. (G, O)
Industrial Engineering & Equipment Co. (R)
International Heater Co. (R)
Iron Fireman Mfg. Co. (O)
Janitrol Heating & Air Conditioning Div. (G)
K & B Distributors & Mfg. (G)
Lennox Industries, Inc. (G, O, R)
Mammoth Furnace Co. (G, O)
Modine Mfg. Co. (G)
Morrison Steel Products, Inc. (G, O)
Motor Wheel Corp., Consumer Products Div. (G, O)
Mueller Climatrol (G, R)
Muncie Gear Works, Inc. (R)
National Heater Co. (G, O)
Nesbitt, Inc., John J. (G)
Norman Products Co. (G)
Olsen Mfg. Co., C. A. (G)
Overhead Heaters, Inc. (G, O)
Patten Co., J. V. (G, O)
Payne Co. (G)
Perfection Div. (G)
Reznor Mfg. Co. (G)
Silent Automatic Products (O)
Supreme-Aire Mfg. Co. (R)
Temco, Inc. (G)
Texas Products Mfg. Co. (G)
Thermador Electrical Mfg. Co. (R)

(Continued)

BOOKS

AIR CONDITIONING • HEATING
REFRIGERATION • VENTILATING
MANAGEMENT • RELATED TOPICS

Technical books, service manuals, and management helps are valuable tools for the engineer, contractor, salesman, and serviceman. For your convenience Business News Publishing Co. has made arrangements to supply books of other publishers as well as those of its own imprint.

Air Conditioning the Home. $3.

Residential and Commercial Air Conditioning, by C. H. Burkhardt. $9.

Key to Air Conditioning, by James J. LaSalvia. 3 vols.: K-1, K-2, K-3. $2 ea.

Design of Air Conditioning Systems, by F. W. Hutchinson. $8.

Design of Heating and Ventilating Systems, by F. W. Hutchinson. $8. (Both Hutchinson books for $14.)

Summer Air Conditioning, by Konzo, Carroll, and Bareither. $8.

Winter Air Conditioning, by Konzo, Carroll, and Bareither. $8. (Both above books for $15.)

Handbook of Air Conditioning, Heating, and Ventilating, by Clifford Strock. $15.

Parts and Labor Rate Book for Automobile Air Conditioning, by R. V. Anderson. $30.

Servicing Automobile Air Conditioners, by C. Dale Mericle. 4 vols.: 1, 2, 4, $2 ea. Vol. 3, $1.

National Warm Air Heating and Air Conditioning Library. $20.

Boilers: Types, Characteristics, and Functions, by C. D. Shields. $15.

Automatic Control of Heating and Air Conditioning, by John Haines. $10.50.

Gas Heating Controls Service Manual (plus supplements). $9.

Machinery's Handbook. $13.

Commercial Refrigeration, by K. M. Newcum. 3 vols.: C-1, C-2, C-3. $1.50 ea.

New Master Service Manual, by K. M. Newcum. $1.50.

Refrigeration Engineer's Manual, by S. L. Potts. $3.

Refrigeration Problems and Their Solution, by Paul Reed. 5 vols.: J-1, J-2, J-3, J-4, J-5. $1.50 ea.

Refrigeration and Air Conditioning, by W. F. Stoecker. $8.75.

Principles of Refrigeration, by R. J. Dossat. $11.50.

Standard Refrigeration and Air Conditioning Questions and Answers, by Elonka and Minich. $6.95.

Advances In Cryogenic Engineering. 6 vols.: Vols. 1-5, $13.50 ea. Vol. 6, $15.

Handbook of Instrumentation and Controls, by H. P. Kallen. $15.

Temperature Measurement In Engineering, by Baker, Ryder, and Baker. 2 vols.: Vol. I, $4.95. Vol. II, $13.

Plant and Process Ventilation, by W. C. L. Hemeon. $9.

Management Guide for Dealer-Contractors. $18.

Ideas, Inventions, and Patents—How to Develop and Protect Them, by R. A. Buckles, Jr. $5.95.

Legal Problems In Engineering, by Melvin Nord. $6.50.

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Tuttle & Co., H. W. (R)
United States Air Conditioning Corp. (G)
Utility Fan Corp. (G)
Vikimatic, Inc. (G, O)
Waterman-Waterbury Co. (G, O)
Wiegand Co., E. L. (R)
Williamson Co. (R)
York Div. (G)
York-Shipley, Inc. (G)

Furnaces, Forced Air

(D—Downflow; H—Horizontal; U—Upflow; Heat Source: G—Gas; O—Oil; R—Electric)

Air Conditioning Engineering Co. (D, H, U, G, O, R)
Airtemp Div. (D, H, U, G, O)
American Furnace Co. (D, H, U, G, O, R)
American-Standard, Air Conditioning Div. (D, H, U, G, O, R)
Arkos Mfg. Co. (D, H, U, G, O)
Armstrong Furnace Co. (D, H, U, G, O)
Bar-Brook Mfg. Co., Inc. (D, H, U, G)
Bard Mfg. Co. (D, H, U, G, O)
Bethlehem Foundry & Machine Co. (D, H, U, O)
Bryant Mfg. Co. (D, H, U, G, O)
Burnham Corp., Warm Air & Cooling Div. (D, H, U, G, O, R)
Campbell Heating Co. (D, H, U, G, O)
Carrier Air Conditioning Co. (D, H, U, G, O, R)
Century Engineering Co. (D, H, U, G, O, R)
Cobell Industries, Inc. (D, H, U)
Coleman Co., Inc. (D, H, U, G, O, R)
Columbia Specialty Co., Inc. (D, H, U, G, O)
Crane Co., Plumbing, Heating & Air Conditioning Group (D, H, U, G, O)
Crane Co., Plumbing-Heating-Air Conditioning Group, Air Conditioning & Refrigeration Div. (D, H, U, G, O, R)
Custom-Aire Products Div. (D, H, U, G)
Day & Night Mfg. Co. (D, H, U)
Dearborn Stove Co. (H, G)
Delco Appliance Div. (D, H, U, G, O)
Dowagiac Steel Furnace Co. (D, H, U, G, O)
Electromode (D, R)
Empire Stove Co. (D, H, U, G)
Fedders Corp. (D, H, U, G, O, R)
Fraser & Johnston Co. (D, H, U, G)
Friedrich Refrigerators, Inc.
Gaffers & Sattler (D, H, U, G)
General Automatic Products Corp. (D, H, U, O)
General Electric Co., Air Conditioning Dept., Major Appliance Div. (D, H, U, G, O)
Global Air Conditioning Div. (D, H, U, G)
Green Colonial, Inc. (D, H, U, G, O)
Hall-Neal Furnace Co. (D, H, U, G, O, R)
Hastings Air Control, Inc. (H, G)
Heat Controller, Inc. (D, H, U, G)
Heil-Quaker Corp. (D, H, U, G, O)
Henry Furnace Co. (D, H, U, G, O, R)
Holly-General Co. (D, H, U, G)
Home Furnace Co. (D, H, U, G, O)
Hupp International Div. (D, H, U, G, O, R)
International Heater Co. (D, H, U, G, O, R)
International Oil Burner Co. (D, G, O, R)
Iron Fireman Mfg. Co. (D, H, U, G, O)
Janitrol Heating & Air Conditioning Div. (D, H, U, G, O, R)
Johnson Furnace Co. (D, H, U, G, O)
K & B Distributors & Mfg. (D, H, U, G)
Keith Furnace Co. (D, U, G, O)
Lennox Industries, Inc. (D, H, U, G, O, R)
Lincoln Air Control Products, Inc. (D, H, U, G, O)
Majestic Co., Inc. (D, H, U, G, O, R)
Mammoth Furnace Co. (D, H, U, G, O)
Mayflower Air Conditioners, Inc. (D, H, U, G, O)
Meyer Furnace Co. (D, H, U, G, O)
Morrison Steel Products, Inc. (D, H, U, G, O)
Mueller Climatrol (D, H, U, G, O, R)
National Heater Co. (D, H, U, G, O)
National Thermatic Corp. (D, H, U, G)
Niagara Furnace Div. (D, H, U, G, O)
Norman Products Co. (H, G)
Ohio Foundry & Mfg. Co. (D, G)
Olsen Mfg. Co., C. A. (D, H, U, G, O, R)
Overhead Heaters, Inc. (H, G, O)
Patten Co., J. V. (D, H, U, G, O)
Payne Co. (D, H, U, G)
Pebbco Industries, Inc. (D, H, U, O)
Peerless Corp. (D, H, U, G, O)
Peerless Products Co., Bonair Div. (D, H, U, G, O)
Pennsylvania Furnace & Iron Co. (H, U, G, O)
Perfection Div. (D, H, U, G, O)
Ray Burner (U, G, O)
Reznor Mfg. Co. (H, G)
Rheem Mfg. Co. (D, H, U, G, O, R)
Roberts-Gordon Appliance Corp. (H, U, G, O)
Round Oak Div. (D, H, U, G, O, R)
Rybolt Heater Co. (D, H, U, G, O, R)
Sequoia Mfg. Co. (D, H, U, G)
Silent Automatic Products (D, H, U, G, O)
Southwest Mfg. Co. (D, H, U, G)
Stewart-Warner Corp., Air Conditioning & Heating Div. (D, H, U, G, O, R)
Sure Comfort Furnace Co. (U, G, O)
Temco, Inc. (D, H, U, G)
Texas Products Mfg. Co. (D, H, U, G, R)
Thatcher Furnace Co. (D, H, U, G, O)
Thermo-Products, Inc. (D, H, U, G, O, R)
Trane Co. (D, H, U, G, O)
XXth Century Heating & Ventilating Co. (U, G, O)
Typhoon Air Conditioning Div. (D, H, U, G, O)
Vikimatic, Inc. (D, H, U, G, O)
Waterman-Waterbury Co. (G, O)
Wayne Home Equipment Co., Inc. (D, H, U, G, O)
Welbilt Air Conditioning & Heating Corp. (D, H, U, G, O)
Westinghouse Electric Corp., Air Conditioning Div. (D, H, U, G, O)
Williamson Co. (D, H, U, G, O)
Wright Mfg. Co. (D, U, G)
York Div. (D, H, U, G, O)
York-Shipley, Inc. (D, H, U, G, O)
Zink Co., John (D, H, U, G)

Heaters, Infrared Radiant, Gas Fired

Perfection Div.
Roberts-Gordon Appliance Corp.

Heaters, Portable

Air Conditioning Engineering Co.
American Air Filter Co., Inc.
American-Standard, Air Conditioning Div.
Cory Corp.
Day & Night Mfg. Co.
Edwards Engineering Corp.
Electromode
Embassy Industries, Inc.
Emerson Electric Mfg. Co.
Empire Stove Co.
Fasco Industries, Inc.
Fostoria Corp.
Heil-Quaker Corp.
Home Owners Utilities Co., Inc.
Hupp International Div.
Insto-Gas Corp.
International Oil Burner Co.
Lennox Industries, Inc.
Lyall Electric, Inc.
Markel Electric Products, Inc.
National Heater Co.
Perfection Div.
Slant/Fin Radiator Corp.
Sun-Heat, Inc., Electric Heat Div.
Thermador-Electrical Mfg. Co.
Thermo King Corp.
Westinghouse Electric Corp., Air Conditioning Div.
Wiegand Co., E. L.
Young Radiator Co.

Heaters, Room, In-the-Wall

(G—Gas; O—Oil; R—Electric)

American-Standard, Air Conditioning Div. (G, R)
Armstrong Furnace Co. (G)
Coleman Co., Inc. (G)
Custom-Aire Products Div. (G)
Day & Night Mfg. Co. (G)
Dearborn Stove Co. (G)
Dover Corp., Peerless Mfg. Div. (G)
Electric Heating & Cooling, Inc. (R)
Electromode (R)
Emerson Electric Mfg. Co. (R)
Empire Stove Co. (G)
Gaffers & Sattler (G)
Heil-Quaker Corp. (G, O)
Holly-General Co. (G)
Home Owners Utilities Co., Inc. (R)
Hupp International Div. (G, O)
Kritzer Products (R)
Markel Electric Products, Inc. (R)
Morrison Steel Products, Inc. (G, O)
Motor Wheel Corp., Consumer Products Div. (G, O)
National Steel Construction Co. (R)
Ohio Foundry & Mfg. Co. (G)
Payne Co. (G)
Perfection Div. (G, O)
Remington Corp. (R)
Sequoia Mfg. Co. (G)
Southwest Mfg. Co. (G)
Stewart-Warner Corp., Heating and Air Conditioning Div. (G)
Sun-Heat, Inc., Electric Heat Div. (R)
Temco, Inc. (G)
Texas Products Mfg. Co. (G)
Thermador Electrical Mfg. Co. (R)
Thompson Mfg. Co., A. F. (G)
Westinghouse Electric Corp., Air Conditioning Div. (R)
Wiegand Co., E. L. (R)
Young Radiator Corp. (G)

Heaters, Space, Gas Fired

(V—Vented; U—Unvented)

Albion Div. (V)
American Furnace Co. (V)
American-Standard, Air Conditioning Div. (V)
American-Standard Industrial Div. (V, U)
Arkos Mfg. Co. (V, U)
Coleman Co., Inc. (V)
Day & Night Mfg. Co. (V, U)
Dearborn Stove Co. (V, U)
Dover Corp., Peerless Mfg. Div. (V, U)
Dravo Corp. (V)
Folsom Co., Inc. (V, U)
Heil-Quaker Corp. (V, U)
Hupp International Div. (V, U)
Motor Wheel Corp., Consumer Products Div.
National Heater Co. (V)
Ohio Foundry & Mfg. Co.
Payne Co. (V)
Perfection Div. (V, U)
Remington Corp.
Reznor Mfg. Co. (V)
Roberts-Gordon Appliance Corp. (V)
Stewart-Warner Corp., Heating & Air Conditioning Div. (V)
Temco, Inc. (V, U)
Thompson Mfg. Co., A. F. (V, U)
Webster & Co., Inc., Warren (V)
Westinghouse Electric Corp., Air Conditioning Div. (V)
Wing Mfg. Co., L. J. (V)
Young Radiator Co. (V)

Heaters, Unit, Direct Fired

(Heat Source: (G—Gas; O—Oil; R—Electric)

American Furnace Co. (G)
American-Standard Industrial Div. (G)
Arkla Air Conditioning Co. (G)
Arkos Mfg. Co. (G, O)
Armstrong Furnace Co. (G)
Bryant Mfg. Co. (G)
Buffalo Forge Co. (G)
Carrier Air Conditioning Co. (G, O)
Clarage Fan Co.
Columbia Boiler Co. of Pottstown (G, O)
Cox & Co., Inc. (R)
Cutler-Hammer, Inc. (R)
Day & Night Mfg. Co. (G)
Dearborn Stove Co. (G)
Dover Corp., Peerless Mfg. Div. (G)
Dravo Corp. (G, O)
Electromode (R)
Gaffers & Sattler (G)
Garrett Corp. (R)
General Electric Co. (R)
Global Air Conditioning Corp. (G)
Hastings Air Conditioning Co., Inc. (G)
Hastings Air Control, Inc.
Henry Furnace Co. (G)
Home Owners Utilities Co., Inc. (R)
Hupp International Div. (G, O)
Ilg Electric Ventilating Co.
Janitrol Heating & Air Conditioning Div. (G)
Johnson Furnace Co.
Lennox Industries, Inc. (G, O)
Markel Electric Products, Inc. (R)
Marlo Coil Co. (R)
Meyer Furnace Co.
Modine Mfg. Co. (G)
Motor Wheel Corp., Consumer Products Div. (G, O)
Mueller Climatrol (G)
National Heater Co. (G, O)
Nesbitt, Inc., John J. (G, R)
Norman Products Co. (G)
Olsen Mfg. Co., C. A.
Overhead Heaters, Inc. (G, O)

(Continued)

(Continued)

Payne Co. (G)
Remington Corp. (R)
Reznor Mfg. Co. (G)
Roberts-Gordon Appliance Corp. (G)
Slant/Fin Radiator Corp. (R)
Sun-Heat, Inc., Electric Heat Div. (R)
Temco, Inc. (G)
Texas Products Mfg. Co. (G)
Trane Co. (G, O)
Tuttle Electric Products, Inc. (R)
Westinghouse Electric Corp., Air Conditioning Div. (G)
Wiegand Co., E. L. (R)
Wing Mfg. Co., L. J. (G)
York-Shipley, Inc. (G)
Young Radiator Co. (G)
Zink Co., John (G)

Heaters, Unit, Steam or Hot Water

Air Conditioning Industries, Inc.
Airtherm Mfg. Co.
American Air Filter Co., Inc.
American-Standard Industrial Div.
Bertram Co., Harvey P.
Buffalo Forge Co.
Carrier Air Conditioning Co.
Clarage Fan Co.
Columbia Boiler Co. of Pottstown
Dunham-Bush, Inc.
Fedders Corp.
Governair Corp.
Hedeman Products, Inc.
Heil Process Equipment Corp.
Home Owners Utilities Co., Inc.
Ilg Electric Ventilating Co.
International Mfg. Co.
King Co.
Kritzer Radiant Coils
Kysor Heating Co.
McCord Corp.
McQuay, Inc.
Modine Mfg. Co.
Murray Mfg. Co., D. J.
Nesbitt, Inc., John J.
New York Blower Co.
Niagara Blower Co.
Norcold, Inc.
Remington Corp.
Rittling Corp.
Slant/Fin Radiator Corp.
Thermal Engineering Corp.
Webster & Co., Inc., Warren
Western Supply Co., Mfg. Div.
Wilson Engineering Corp.
Wing Mfg. Co., L. J.
Young Radiator Co.

Hermetic Seals

Fusite Corp.
Henry Valve Co.
Hermetic Seal Corp.
Kerotest Mfg. Co.
Parker Seal Co.
Sealed Unit Parts Co., Inc.
Tennessee Erector Service Co.
Watsco, Inc.

Hermetic Terminals

Airserco Mfg. Co.
Fusite Corp.
Hermetic Seal Corp.
Sealed Unit Parts Co., Inc.
Tennessee Erector Service Co.
Warriner Hermetics, Inc.
Watsco, Inc.

Hose, Flexible

Aeroquip Corp., Industrial Div.
Airserco Mfg. Co.
American Biltrite Rubber Co., Boston Woven Hose & Rubber Div.
Ammerman Co., Inc.
Anaconda Metal Hose Div.
Atlantic Metal Hose Co., Inc.
Cobra Metal Hose
Flexonics
Gates Rubber Co.
Goodall Rubber Co.
Goodrich Industrial Products Co., B. F.
Goodyear Tire & Rubber Co.
Hedeman Products, Inc.
Hewitt-Robins, Inc.
Imperial-Eastman Corp.
Johnson Metal Hose, Inc.
Keflex Mfg. Div.
Korfund Co., Inc.
Northland Plastics, Inc.
Packless Metal Hose, Inc.
Parker Fittings & Hose Div.
Parks-Cramer Co.
Raybestos-Manhattan, Inc.
Resistoflex Corp.
Stratoflex, Inc.
Superior Valve & Fittings Co.
Techniflex
United States Rubber Co.
Universal Metal Hose Co.
Weatherhead Co.
Zippertubing Co.

Humidifiers, Automatic Furnace Type

Arklon Mfg. Co.
Auto-Flo Corp.
Buensod-Stacey Corp.
Canadian General Filters, Ltd.
Century Engineering Corp.
Flair Mfg. Corp.
General Filters, Inc.
HERRmidifier Co., Inc.
Hygrodynamics, Inc.
Kauffman Air Conditioning Co.
Lennox Industries, Inc.
Little Giant Pump Co.
Maid-O'-Mist, Inc.
Majestic Co., Inc.
Mueller Climatrol
Research Products Corp.
Royal Humidifier Co.
Skuttle Mfg. Co.
Stocker & Son, H. G.
Swan Humidifier Co., Inc.
Viking Air Products
Walton Laboratories, Inc.

Humidifiers, Room

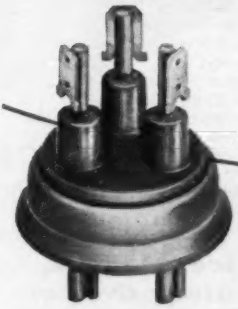
Albion Div.
Armstrong Machine Works
Auto-Flo Corp.
Bahnson Co.
Cory Corp.
HERRmidifier Co.
Hygrodynamics, Inc.
Kauffman Air Conditioning Co.
Research Products Corp.
Skuttle Mfg. Co.
Swan Humidifier Co., Inc.
Walton Laboratories, Inc.

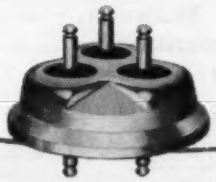
Humidifying Systems

Air & Refrigeration Corp.
American Astro-Systems, Inc.
American Moistening Co.
Armstrong Machine Works
Bahnson Co.
Buffalo Forge Co.
HERRmidifier Co.
Hygrodynamics, Inc.
Johnson Service Co.
Kauffman Air Conditioning Co.
Majestic Co., Inc.
Niagara Blower Co.
Parks-Cramer Co.
Powers Regulator Co.
Research Products Corp.
Skuttle Mfg. Co.
Swan Humidifier Co., Inc.
Walton Laboratories, Inc.

FUSITE

...the most famous name in Hermetic Sealing now covers the widest range of Horsepower ever offered the Refrigeration Industry.





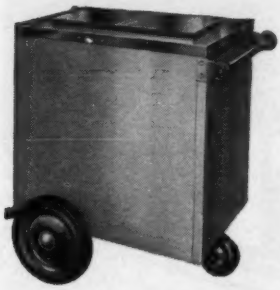
These Fusite Terminals with their distinctive clover-leaf configuration are being supplied the world over from these international facilities. Write Dept. A.

INSULATE ELECTRICALLY GLASS TO METAL FUSITE TERMINALS PROTECT PRODUCT PERFORMANCE SEAL HERMETICALLY

THE FUSITE CORP. CINCINNATI, OHIO

Woodford Mfg. Co., Versailles, Ky.
Fusite N. V. Konigweg, 16 Almelo, Holland
Fusite Gmb H, Dieselstrasse 5, Karlsruhe, W. Germany
Oreintal Terminal Products Ltd., Tokyo, Japan (Distributor)

For specific product listings, see Alphabetic Cross Index at back of Directory



Mobile Ice Service

in *Stainless* Steel

- 11 Ice Carts
- 10 Ice Storage Cabinets
- 2-1001 Uses: Combination Ice Chest and Shelf Carts

Write for Catalogue

GENNETT AND SONS INC.

ONE MAIN STREET, PHONE 22151 RICHMOND, INDIANA

Ice Accumulators

Dean Products, Inc.
Dole Refrigerating Co.
Frick Co.
Howe Ice Machine Co.
King Zeero Co.
Kohlenberger Engineering Corp.
Mitchell Co., Inc., John E., Mark IV Div.
Vilter Mfg. Corp.

Ice Carts

American Automatic Ice Machine Co.
Crescent Metal Products, Inc.
Gennett & Sons, Inc.
Loudon Mfg. & Sales, Inc.
Nor-Lake, Inc.
Ross-Temp, Inc.
Tyson Metal Products, Inc.

Ice Crushers

Follett Corp., Roy
Miller & Son, Inc., Franklin P.
Nor-Lake, Inc.
Quality Mfg. Co., Inc.
Scotsman, Queen Products Div.
Uniflow Mfg. Co.

Ice Cube Dispensers

Council Mfg. Corp.
Erickson Industries, Inc.
Icemaid, Inc.
Mannhardt & Son, Inc., W.
Scotsman, Queen Products Div.
Yates-American

Ice Cube Makers, Non-Automatic

Icemaid, Inc.
La Crosse Cooler Co.
Loudon Mfg. & Sales, Inc.
Nor-Lake, Inc.

Ice Cube Trays

Dole Valve Co.
Inland Mfg. Div.
Johnson Rubber Co.
Mirro Aluminum Co.
Republic Molding Corp.

Ice Makers, Automatic, Cube or Tube

American Automatic Ice Machine Co.
Carrier Air Conditioning Co.
Council Mfg. Corp.
Dole Valve Co.
Frigidaire Div.
Glasco Corp.
Icemaid, Inc.
La Crosse Cooler Co.
McQuay, Inc.
Nor-Lake, Inc.
Quality Mfg. Co., Inc.
Scotsman, Queen Products Div.
Springer-Penguin, Inc.
Uniflow Mfg. Co.
Vogt Machine Co., Henry
Whirlpool Corp.
Yates-American
York Div.

Ice Makers, Automatic, Flake or Sheet Ice

Aircraft Production Engineers
Amcoin Corp.
American Automatic Ice Machine Co.
Bastian-Blessing Co.
Belt-Ice Corp.
Burge Ice Machine Co.
Carrier Air Conditioning Co.
Chicago Stock Yards Turbo Refrigerating Co.
Chip Ice Corp.
Council Mfg. Corp.
Flake Ice Machines, Inc.
Flakice Corp.
Freez King Corp.
Frick Co.
Howe Ice Machine Co.
Icemaid, Inc.
Koch Refrigerators, Inc.
Kohlenberger Engineering Corp.
La Crosse Cooler Co.
Liquid Freeze Corp.
McQuay, Inc.
Remcor Products Co.
Ross-Temp, Inc.
Scotsman, Queen Products Div.
Uniflow Mfg. Co.
Vilter Mfg. Corp.
Watkins Co., J. E.
York Div.

Ice Makers, Automatic, for Small Refrigerators

Dole Valve Co.
Springer-Penguin, Inc.
Whirlpool Corp.

Ice Rinks, Not Portable

Creamery Package Mfg. Co.

Ice Rinks, Portable

Belt-Ice Corp.
Burge Ice Machine Co.

(Continued)

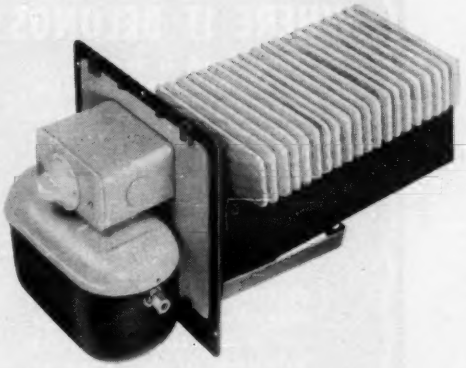
Skuttle...offers you these

Heating and Refrigeration accessories

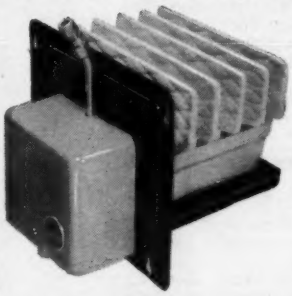
MODEL 900 CORMAIRE

* A complete humidification system in one unit. Its output capacity can be selected by 3 types of controls: 1. Complete with 20 Vapoglas plates the output capacity of the Model 900 when used as a Vapoglas plate humidifier usually provides adequate humidity in the late spring and early fall. 2. When a drastic drop in temperature occurs, the output of the "Cormaire" can be increased by simply setting the dial that controls the electric heating element. The dial, or cycling switch, is standard equipment on the Skuttle Model 900 "Cormaire." 3. If complete automatic humidification is desired, a relay transformer and humidistat is standard equipment on the Model 900-H. The humidistat can be placed in any convenient location in the home or office, and can be set for any desired percentage of relative humidity. The "Cormaire" will then automatically switch off or on to maintain the reading on the humidistat. *Correct Moistened Air.

FREE Hygrometer. This precision instrument to measure the amount of relative humidity in the air is furnished free with every Model 900 Cormaire humidifier.

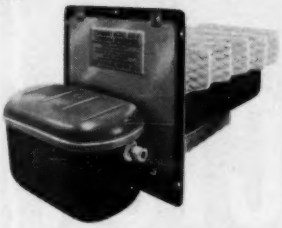


MODEL 711 COUNTER-BALANCED HUMIDIFIER



This highly efficient, low-priced unit requires one installation, one adjustment. It is shipped completely assembled with 5 Vapoglas plates and stainless steel plate rack.

The Model 711 is compact, easily installed, troublefree, and is self compensating for all water pressures. This compact unit can be a sales leader for you in 1961.



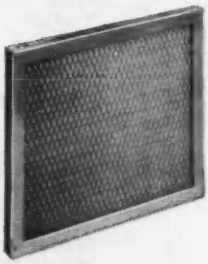
MODEL 600-B

Designed for use in curved or straight plenum warm air furnaces, the Skuttle Model 600-B Humidifier is shipped with 5 Vapoglas plates but can accommodate 20 plates if increased capacity is desired. Suitable for furnaces up to 180,000 BTU, this model features the new Skuttle single pivot float valve for trouble-free operation.

SKUTTLE-AIRE WASHABLE

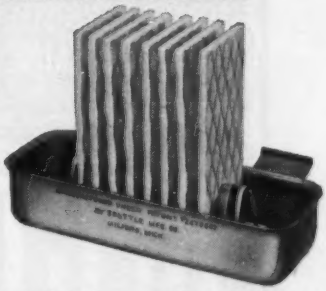
Electrostatic Filter

Designed for heavy-duty commercial and industrial applications, as well as domestic heating and cooling systems, these sturdily built filters are easily washed with cold water and never need oiling.



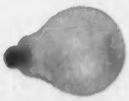
MODEL 1800 CONDENSATE REMOVER

Skuttle has designed this unit especially for the re-evaporation of condensate water in conjunction with refrigerated dispensing equipment. The Model 1800 fits inside the cooler on a louvered rack and is operated by the passage of warm air from the compressor, over the pan and plates. A standard unit uses 8 Vapoglas plates in a coated, galvanized steel pan. Under normal operating conditions, the unit will evaporate approximately 1 pint of water in 24 hours.



NEW VALVE AND FOAM GLASS FLOAT ASSEMBLY

Skuttle's new patented valve, the A-1106-9 contains no movable parts. It features a chrome plated valve jet for positive shut-off and an adjustable, reversible rubber valve seat which acts as a splash shield. This valve can be used efficiently with foam glass, copper or glass floats, as desired.



SKUTTLE FLOATS

These glass, copper and twin copper floats are available with the new patented Skuttle Valve, A-1106-9.

Skuttle MANUFACTURING CO.

MILFORD, MICHIGAN

KEEP THE COLD WHERE IT BELONGS!

Once food is frozen, it MUST REMAIN FROZEN until it is consumed. People the world over are using cork because it is still the best insulation material on the market... and the only one that has been job proofed on one installation for a period of *fifty years*, then removed—only to discover not even the slightest indication of shrinkage or loss of insulation value.

PLAY IT SAFE!

USE

RECTOR CORK BOARD

LOWEST COMBUSTIBLE FACTOR OF ANY INSULATING PRODUCT

For A Prompt Estimate

CALL or WRITE

RECTOR INSULATIONS

551 5th AVE., NEW YORK 17, N. Y.

MU 2-7911-4

(Continued)

Chicago Stock Yards Turbo Refrigerating Co.
Dean Products, Inc.
Frick Co.
Kohlenberger Engineering Corp.
Vilter Mfg. Corp.
York Div.

Ice Storage Cabinets

Barron Products, Inc.
Cornelius Co.
Dean Products, Inc.
Enviro Equipment Corp.
Erickson Industries, Inc.
Esco Cabinet Co.
Flake Ice Machines, Inc.
Flakice Corp.
Follett Corp., Roy
Gennett & Sons, Inc.
Herrel & Sons, Inc., John
Icemaid, Inc.
Mannhardt & Son, Inc., W.
Mowat Refrigeration Co.
Nor-Lake, Inc.
Solar Systems, Inc.
Tyson Metal Products, Inc.
Warren Co., Inc.
Williams Refrigeration, Inc.

Identification Plates

C & H Supply Co.
Laminated Sheet Products Corp.
Mayer Co., Inc., Geo. J.
Polar Hardware Mfg. Co.
Seton Name Plate Co., Inc.
Topflight Corp.
Woller & Co., Howard

Inducers, Draft

Ammerman Co., Inc.
Barry Blower Co.
Buffalo Forge Co.
Overhead Heaters, Inc.
Sheldons Mfg. Corp.
Stamford Fan Co., Inc.
Walker Mfg. & Sales Corp.
Whitty Co., Inc.
Wing Mfg. Co., L. J.

Insulation Adhesives

Aluminum Co. of America
Armstrong Contracting & Supply Co.
Cain Mfg., Inc.
Carey Mfg. Co., Philip
Corbman Bros., Inc.
Duro-Dyne Corp.
Dyfoam Corp.

(Continued)

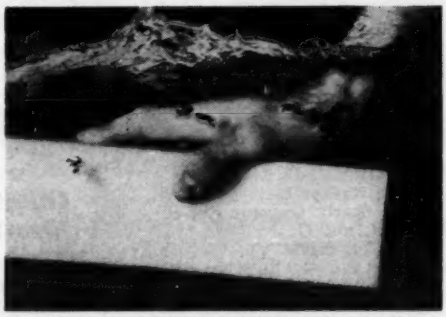
STYROFOAM®

–permanent insulating values, proved by over 15 years' use!

- **Low "K" factor**
- **Water pickup nil**
- **Flame retardant**
- **Light in weight**

Improved Styrofoam FR brand insulation board gives you permanent insulating values which have been proved by over 15 years of low temperature service. Because it's extremely light in weight, rigid, and easy to cut and fit, the cost of installing Styrofoam FR is low.

Styrofoam FR contains millions of tiny non-interconnecting air cells that resist the passage of water and water vapor, preventing the buildup of moisture inside. Styrofoam FR is ideal for insulating freezers, coolers, refrigerated vehicles, masonry building walls . . . permanently. It's excellent, too, for covering pipes and tanks of all sizes.



Water doesn't build up inside Styrofoam, doesn't destroy insulating efficiency.

ENGINEERING DATA	ASTM Test Method	Styrofoam FR
Physical Properties		
Density (lb./cu. ft.) average		1.9
Compressive yield strength (psi) average	D1621-59T	30.0
Water Resistance Properties		
Water absorption, % by volume	C-272-53	<0.25
Water adsorption (after submersion under 10 ft. head for 48 hours) lbs./sq. ft. of surface area		<0.08
Water vapor transmission, perm-inch	E96-53T (Procedure E)	<2.0
Capillarity		none
Thermal Properties		
Burning characteristics	D1692-59T	SE
Linear thermal coefficient of expansion (in./in./°F.) between 0°F. and 80°F.		<0.00004
Thermal conductivity (BTU-in./sq. ft.-hr.-°F.)		
mean temp. 70°F., average		<0.26
mean temp. 40°F., average		<0.24
Heat distortion temperature (maximum for continuous use), °F.		170.0

STANDARD SIZES

Length (feet)	Width (inches)	Thickness (inches)
9	16	1, 1½, 2, 3, 4

This seal identifies a Dow Approved Insulation Contractor. Your nearby AIC is one of a special group of low-temperature insulation contractors selected by Dow for his excellent business reputation and the high quality of his workmanship. He takes great care to follow Dow recommendations for installing Styrofoam. When you have a low-temperature insulating problem, or need planning help, contact your Dow Approved Insulation Contractor. For the names of AIC's near you, write THE DOW CHEMICAL COMPANY, Midland, Michigan, Plastics Sales Dept. 1544GE.

Styrofoam is a registered trademark of The Dow Chemical Company. It is applied only to the homogeneous expanded polystyrene made according to an exclusive Dow process. Styrofoam brand insulation board is available only from Dow and its authorized representatives. Accept no substitutes. Specify Styrofoam.

THE DOW CHEMICAL COMPANY DOW Midland, Michigan

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Goodyear Tire & Rubber Co.
Interchemical Corp., Finishes Div.
Johns-Manville
M.M.M., Inc.
Mortell Co., J. W.
Permacel
Presstite Div.
Rector Insulations
St. Clair Rubber Co.
Silvercote Products, Inc.
State Pipecovering Co.
West Chester Chemical Co.
Wilson, Inc., Grant
Witco Chemical Co., Pioneer Products Div.

Insulation, Batt

Armstrong Contracting & Supply Corp.
Armstrong Cork Co.
Baldwin-Ehret-Hill, Inc.
Carey Mfg. Co., Philip
Dyfoam Corp.
Eagle-Picher Co.
Eastern Fabricating Co.
Forty-Eight Insulations, Inc.
Gustin-Bacon Mfg. Co.
Johns-Manville
Owens-Corning Fiberglas Corp.
Pittsburgh Plate Glass Co.
Russell Gasket Co.
United States Gypsum Co.
Wilson, Inc., Grant
Wood Conversion Co.
Zonolite Co.

Insulation, Board

Alumiseal Corp.
Armstrong Contracting & Supply Corp.
Armstrong Cork Co.
Baldwin-Ehret-Hill, Inc.
Balsa Ecuador Lumber Corp.
Carey Mfg. Co., Philip
Dow Chemical Co.
Dyfoam Corp.
Eagle-Picher Co.
Eastern Fabricating Co.
Foamade Industries
Forty-Eight Insulations, Inc.
General Foam Plastics
Glo-Brite Foam Plastics, Inc.
Gustin-Bacon Mfg. Co.
Johns-Manville
M.M.M., Inc.
Owens-Corning Fiberglas Corp.
Pittsburgh Corning Corp.
Pittsburgh Plate Glass Co.
Rector Insulations
Rubatex
Silvercote Products, Inc.
United Cork Companies
United States Gypsum Co.
Wilson, Inc., Grant
Wood Conversion Co.

Insulation Clips

Armstrong Contracting & Supply Co.
Corbman Bros., Inc.
Duro-Dyne Corp.
Moore, Inc., Goodloe E.
Rector Insulations
State Pipecovering Co.
Tinnerman Products, Inc.

Insulation, Duct

Armstrong Contracting & Supply Corp.
Armstrong Cork Co.
Baldwin-Ehret-Hill, Inc.
Carey Mfg. Co., Philip
Corbman Bros., Inc.
Dyfoam Corp.
Eagle-Picher Co.
Eastern Fabricating Co.
Forty-Eight Insulations, Inc.
Glo-Brite Foam Plastics, Inc.
Gustin-Bacon Mfg. Co.
Johns-Manville
Mortell Co., J. W.
Owens-Corning Fiberglas Corp.
Pittsburgh Plate Glass Co.
Russell Gasket Co.
Silvercote Products, Inc.
State Pipecovering Co.
Wilson, Inc., Grant
Zippertubing Co.

Insulation, Foam-In-Place

Isocyanate Products, Inc.
NOPCO Chemical Co., Plastics Div.

Insulation, Loose Fill

Alumiseal Corp.
Armstrong Contracting & Supply Corp.
Armstrong Cork Co.
Baldwin-Ehret-Hill, Inc.
Carey Mfg. Co., Philip
Dyfoam Corp.
Eagle-Picher Co.
Forty-Eight Insulations, Inc.
Grace & Co., W. R.
Gustin-Bacon Mfg. Co.
Johns-Manville
Owens-Corning Fiberglas Corp.
Pacific Lumber Co.
United States Gypsum Co.
Wilson, Inc., Grant
Witco Chemical Co., Inc., Pioneer Products Div.
Ziegler & Co., G. S.
Zonolite Co.

Insulation, Pipe

Armstrong Contracting & Supply Corp.
Armstrong Cork Co.
Baldwin-Ehret-Hill, Inc.
Carey Mfg. Co., Philip
Corbman Bros., Inc.
Dyfoam Corp.
Eagle-Picher Co.
Foamade Industries
Forty-Eight Insulations, Inc.
General Foam Plastics Corp.
Glo-Brite Foam Plastics, Inc.
Gustin-Bacon Mfg. Co.
Insul-Fil Co., Inc.
Johns-Manville
M.M.M., Inc.
Mortell Co., J. W.
Owens-Corning Fiberglas Corp.
Pittsburgh Corning Corp.
Pittsburgh Plate Glass Co.
Presstite Div.
Rector Insulations
Ric-Wil, Inc.
Rubatex
Silvercote Products, Inc.
State Pipecovering Co.
United Cork Companies
Wilson, Inc., Grant
Witco Chemical Co., Inc., Pioneer Products Div.

Insulation, Reflective

Alumiseal Corp.
Armstrong Contracting & Supply Corp.
Baldwin-Ehret-Hill, Inc.
Corbman Bros., Inc.
Eagle-Picher Co.
Eastern Fabricating Co.
Forty-Eight Insulations, Inc.
Gustin-Bacon Mfg. Co.
Infra Insulation, Inc.
Owens-Corning Fiberglas Corp.
Reflectal Corp.
Silvercote Products, Inc.
United States Gypsum Co.
Wilson, Inc., Grant
Wood Conversion Co.

Insulation, Sound

Armstrong Contracting & Supply Corp.
Armstrong Cork Co.
Baldwin-Ehret-Hill, Inc.
Eagle-Picher Co.
Eastern Fabricating Co.
Forty-Eight Insulations, Inc.
Gustin-Bacon Mfg. Co.
Hansson, Inc., Elof
Mortell Co., J. W.
Owens-Corning Fiberglas Corp.
Pittsburgh Corning Corp.
Presstite Div.
Rector Insulations
Russell Gasket Co.
Silvercote Products, Inc.
Wilson, Inc., Grant
Wood Conversion Co.

WHATEVER YOUR LOW-TEMPERATURE INSULATION NEEDS UNITED CAN SERVE YOU

From engineering design to final installation in CORKBOARD or EXPANDED POLYSTYRENE

United's patented process BB Corkboard is the long established, job tested insulation material. Block baked of 100% cork with no fillers or binders, it has a low K factor, is fire retardant, insect and vermin resistant.

Equally effective is Uni-Crest expanded polystyrene, United's newest development in insulation materials. This modern, lightweight, snowy white material, composed of minute, individually closed cells, has a low K factor, low moisture absorption, and retains its insulating value indefinitely. It is strong, flexible, easy to handle and inexpensive.

Experienced engineers, at United's branch offices coast-to-coast, offer complete consulting and design service on both cork and Uni-Crest installations. Each installation is specifically planned to meet requirements of the job. Skilled crews, working out of these same offices, carry out the entire job of erecting insulation under direct supervision of engineers responsible for the design. In this way you are assured of undivided responsibility for performance of the entire installation.

Both Cork and Uni-Crest are available in a wide variety of sizes in board and pipe covering form. In addition, United provides cork lagging and discs for tank and filter application, as well as a self-extinguishing board and pipe covering of Uni-Crest. Write for more complete information.

UNITED BB CORKBOARD

UNITED CORK COMPANIES
Since 1907

UNITED'S UNI-CREST

27 Central Avenue, Kearny, New Jersey

Branch offices or approved distributors in all key cities

See complete addresses in Alphabetic Section, page 25

Insulation, Tube

Armstrong Contracting & Supply Corp.
Armstrong Cork Co.
Baldwin-Ehret-Hill, Inc.
Goodyear Co., B. F., Sponge Products Div.
Gustin-Bacon Mfg. Co.
Mortell Co., J. W.
Owens-Corning Fiberglas Corp.
Presstite Div.
Silvercote Products, Inc.
State Pipecovering Co.
Virginia Chemicals & Smelting Co.
Wilson, Inc., Grant
Zippertubing Co.

Junction Blocks, Electrical

Curtis Development & Mfg. Co.
Leviton Mfg. Co., Inc.
Marathon Electric Mfg. Corp.

Junction Boxes, Electrical

Leviton Mfg. Co., Inc.
Pyle-National Co.

Lamps, Germicidal

Drake Mfg. Co.
General Electric Co., Large Lamp Dept.
Sampson Scientific Co.
Westinghouse Lamp Div.

Lamps, Refrigerator

Coldin Cabinet Co., Inc.
Eskay Mfg. Co.
General Electric Co., Large Lamp Dept.
Standard-Keil Hardware Mfg. Co., Inc.

Liquid Indicators

Allin Mfg. Co.
Automation Products, Inc.
Danfoss, Inc.
Frick Co.
General Electric Co.
Henry Valve Co.
Lunkenheimer Co.
McIntire Co.
Mueller Brass Co.
OPW-Jordan Div.
Phillips & Co., H. A.
Superior Valve & Fittings Co.

Liquid and Moisture Indicators

Allin Mfg. Co.
American Instrument Co., Inc.
Ansul Chemical Co.
Automation Products, Inc.
General Electric Co.
Henry Valve Co.
Hygrodynamics, Inc.
Imperial-Eastman Corp.
McIntire Co.
Mueller Brass Co.
Servair, Inc.
Sporlan Valve Co.
Superior Valve & Fittings Co.

Locker Plants and Equipment

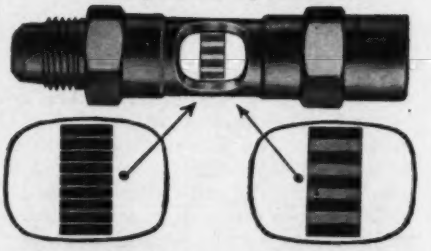
Dole Refrigerating Co.
Frick Co.
York Div.

Locks

Bordner Mfg. Co.
Kason Hardware Corp.
National Lock Co.
Polar Hardware Mfg. Co.

Simplest, most economical way to detect moisture in your refrigerant systems!

Positive Sealing
LIQUID EYE®
INDICATOR
featuring the built-in
MOISTURE-REACTOR



IT'S GOOD

The MOISTURE-REACTOR is composed of alternate, permanent and changing (Reactor) color bars. When all the bars appear the same color (green)—it's good—there's no moisture in system.

IT'S BAD

If moisture enters the system, every other color bar changes from green to yellow—then it's bad—the dehydrator should be replaced. When the system is moisture-free again, the Reactor color bars will change back to their original solid green color.

No more guesswork about the condition of your R-12 and R-22 refrigerant systems. No installation problems either.
Now you can get both in the same unit
...LOWEST COST MOISTURE REACTOR PROTECTION PLUS ALL THE PROVED LIQUID EYE FEATURES!
CONTACT YOUR WHOLESALER TODAY

Allin
ALLIN MANUFACTURING CO.
410 NORTH HERMITAGE AVE. • CHICAGO 22, ILLINOIS

OVER 1,000,000 LIQUID EYES SOLD TO DATE!

RUBATEX

closed cell

TUBING AND PIPE INSULATION

Easily installed on any fluid lines requiring temperature consistency and/or condensation resistance where service conditions are moderate.

Closed cell structure will not absorb moisture - - keeps pipes dry - - eliminates any need for additional vapor barrier - - has excellent weather-aging characteristics plus unusually good thermal insulation properties.

Available - Random or 5 foot lengths.
3/16", 1/4", 3/8", 1/2" & 3/4" Wall Thicknesses

For details & samples - Write:

RUBATEX *Div. of Great American Industries, Inc.*
Bedford, Virginia
WESTERN STATES
2655 Eastland Avenue : Los Angeles 22, California

For specific product listings, see Alphabetic Cross Index at back of Directory

Moldings and Trim

(A—Aluminum; P—Plastic; S—Stainless Steel)

Ainsworth Mfg. Co. (A, S)
Alpha Plastics, Inc. (P)
Aluminum Co. of America (A)
Amos Molded Plastics (P)
Bohn Aluminum & Brass Corp. (A)
Carolina Industrial Plastics Div. (P)
Colonial Alloys Co. (A, S)
Crucible Steel Co. of America (S)
Cullman Products Corp. (A, S)
General Tire & Rubber Co. (A, P, S)
Goodyear Tire & Rubber Co. (P)
Greene Mfg. Co. (A, S)
Higgins Metal Products Co. (A, S)
Light Metals Corp. (A)
Mirro Aluminum Co. (A)
Northland Plastics, Inc. (P)
Phifer Wire Products (A)
Pyramid Mouldings, Inc. (A, S)
Quick Industries, Inc. (P)
St. Regis Paper Co., Panelyte Div. (P)
Scovill Mfg. Co. (A, S)
Shurclose Seal Co. (P, S)
Standard-Keil Hardware Mfg. Co., Inc. (A, S)
Topflight Corp. (A, P, S)

Motor Brushes

General Electric Co.
Imperial Electric Co.
National Carbon Co.
Ohio Carbon Co.

Motor Mounts

Airserco Mfg. Co.
Collis Co.
Cyclo-Freez Corp.
Dayton Electric Mfg. Co.
Engineering Research Associates
Johnson Rubber Co.
MB Electronics
Maurey Mfg. Corp.
Murray Equipment Co., Inc.
Raybestos-Manhattan, Inc.
Shurclose Seal Co.
Vibration Mountings & Controls, Inc.

Motor Overload Protectors

Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
Cutler-Hammer, Inc.
Dayton Electric Mfg. Co.
Fasco Industries, Inc.
Furnas Electric Co.
General Electric Co.
General Electric Co., General Purpose Control Dept.
Mechanical Industries Production Co.
Metals & Controls, Inc.
R-B-M Controls Div.
Ranco Inc.
Square D Co.
Westinghouse Electric Corp.

Motor Relays

Airserco Mfg. Co.
Allis-Chalmers Mfg. Co.
Arrow-Hart & Hegeman Electric Co.
Century Electric Co.
Clark Controller Co.
Cutler-Hammer, Inc.
Danfoss, Inc.
Dayton Electric Mfg. Co.
Delco Products Div.
General Controls Co.
General Electric Co.
General Electric Co., General Purpose Control Dept.
Metals & Controls, Inc.

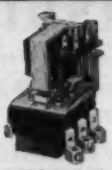
(Continued)

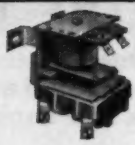
COMPLETE CONTROL FAMILY

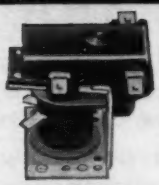
especially engineered for the air conditioning industry (including heat pumps)

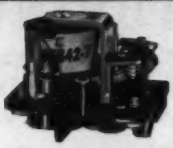
by RBM

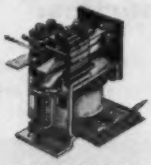
TYPE C-30, C-40, C-50 CONTACTORS
Write for Bulletin 1070

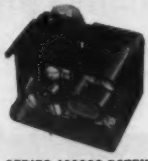

TYPE S-30, S-40 CONTACTORS
Write for Bulletin C-10


TYPE 80 CONTROLLER
Write for Bulletin C-11


TYPE 75 POWER RELAY
Write for Bulletin 1030


SERIES 129000 SHUNT TYPE RELAY—SPNO, SPNC OR NO-NC
Write for Bulletin 1010-A


GENERAL PURPOSE RELAY
Write for Bulletin 1060


SERIES 128000 POTENTIAL STARTING RELAYS
Write for Bulletin 1010-A

BIMETAL TIME DELAY RELAYS AND THERMOSTATIC DEVICES
Write for Bulletin C-15

For the most efficient and low cost solution of your control problems, consult your local RBM Product Application Engineer.

RBM "Controlling the Future" QUALITY

RBM CONTROLS DIVISION
Logansport, Indiana
FACTORIES: North Manchester and Logansport, Indiana

See complete addresses in Alphabetic Section, page 25

(Continued)

Minneapolis-Honeywell Regulator Co.
R-B-M Controls Div.
Ranco Inc.
Schrack Electrical Sales Corp.
Square D Co.
Westinghouse Electric Corp.

Motor Repair Parts

Allis-Chalmers Mfg. Co.
Century Electric Co.
Dayton Electric Mfg. Co.
Delco Products Div.
Elliott Co.
General Electric Co.
Metals & Controls, Inc.

Motor Starters, Magnetic

Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
Arrow-Hart & Hegeman Electric Co.
Clark Controller Co.
Cutler-Hammer, Inc.
Danfoss, Inc.
Ebert Electronics Corp.
Furnas Electric Co.
General Controls Co.
General Electric Co.
General Electric Co., General Purpose Control Dept.
Minneapolis-Honeywell Regulator Co.
R-B-M Controls Div.
Ranco Inc.
Schrack Electrical Sales Corp.
Square D Co.
Ward Leonard Electric Co.
Westinghouse Electric Corp.

Motor Starters, Manual

Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
Arrow-Hart & Hegeman Electric Co.
Clark Controller Co.
Cutler-Hammer, Inc.
Furnas Electric Co.
General Controls Co.
General Electric Co.
General Electric Co., General Purpose Control Dept.
Schrack Electrical Sales Corp.
Square D Co.
Westinghouse Electric Corp.

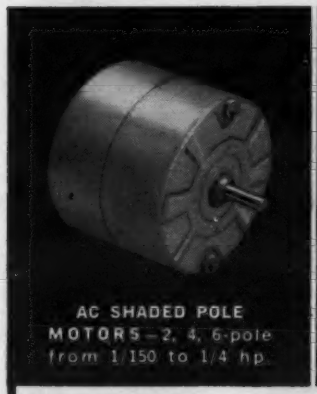
Motor Wire, Insulated Magnet

Aluminum Co. of America Magnet Wire Div.

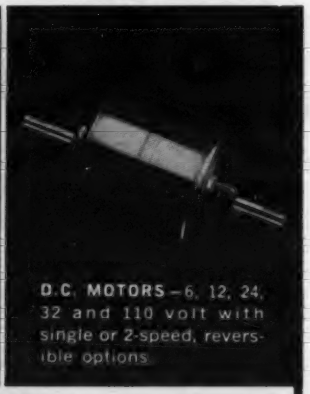
Motors, Alternating Current, Fractional Hp.

Allis-Chalmers Mfg. Co.
Allis Co., Louis
Baldor Electric Co.
Barber-Colman Co.
Bodine Electric Co.
Brown-Brockmeyer Co.
Century Electric Co.
Cyclo-Freez Corp.
Dayton Electric Mfg. Co.
Delco Products Div.
Diehl Mfg. Co.
Doerr Electric Corp.
Electric Motors & Specialties, Inc.
Emerson Electric Mfg. Co.
Fasco Industries, Inc.
Franklin Electric Co., Inc.
Garrett Corp.
General Controls Co.
General Electric Co.
General Electric Co., Small Integral Motor Dept.
General Industries Co.
Hoover Electric Co.
Howard Industries, Inc.
Howell Electric Motors Co.
Imperial Electric Co.
Kesco Products Corp.

(Continued)


AC SHADED POLE MOTORS—2, 4, 6-pole from 1/150 to 1/4 hp.

AC PERMANENT SPLIT CAPACITOR MOTORS—from 1/20 to 1/3 hp.


D.C. MOTORS—6, 12, 24, 32 and 110 volt with single or 2-speed, reversible options.

AC OR DC...SPECIFY LEECE-NEVILLE MOTORS FOR EFFICIENT, LOW-COST POWER

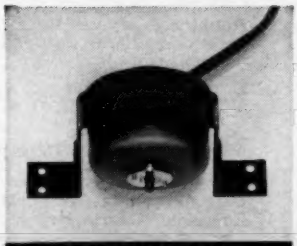
Advanced designs and modern facilities assure reliable power at low cost, as well as prompt delivery to your schedules. Leece-Neville motors meet U.L. and C.S.A. application tests. Basic units, adaptations or custom-engineered special motors to fit your requirements.

For details, write The Leece-Neville Co., Georgia Div., Athens Highway, Gainesville, Ga.

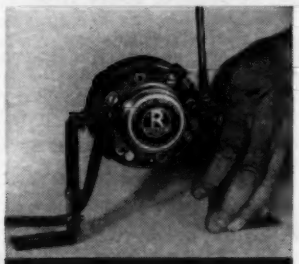
QUALITY ELECTRICAL EQUIPMENT Leece-Neville SINCE 1909

Redmond

SINGLE-BEARING CONDENSER FAN MOTOR IS COMPLETELY INTERCHANGEABLE



REAR MOUNTING



PERIPHERAL MOUNTING

PEDESTAL MOUNTING

TYPE AM

As can be seen in the photographs at the left, the Redmond Type AM fits all mountings and brackets—rear, peripheral, and pedestal.

The AM MonoMotor® fits all rear-mounting applications. Photo 1 shows how the smaller diameter allows motor to fit right into bracket now in unit. With Redmond bracket, peripheral or lug-mounted motors are easily installed, as shown in photo 2. The inexpensive bracket shown attached to the motor in photo 3 allows easy pedestal mounting.

25% lighter weight means real savings in shipping costs. Redmond's patented features guarantee no oil leakage in use or in shipment. All-angle operation is another feature of the whisper-quiet AM—it is designed for all-position mounting—vertical shaft up, shaft down, or any angle.

The Standard of Dependability

Redmond Company, Inc. OWOSSO, MICHIGAN

Subsidiary of

COOKSVILLE, ONTARIO • **CONTROLS COMPANY OF AMERICA** • ZUG, SWITZERLAND

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Leece-Neville Co.
Mamco Corp.
Marathon Electric Mfg. Corp.
Marco Electric Mfg. Corp.
Morrill Motors, Inc.
Redmond Co., Inc.
Reliance Electric & Engineering Co.
Reynolds Electric Co.
Robbins & Myers, Inc.
Small Motors, Inc.
Smith Corp., A. O.
Sterling Electric Motors, Inc.
Universal Electric Co.
Wagner Electric Corp.
Westinghouse Electric Corp., Small Motor Div.

Motors, Integral To 5 Hp.

Allis-Chalmers Mfg. Co.
Baldor Electric Co.
Brook Motor Corp.
Brown-Brockmeyer Co.
Century Electric Co.
Dayton Electric Mfg. Co.
Delco Products Div.
Diehl Mfg. Co.
Doerr Electric Corp.
Electro Dynamic Div.
Elliott Co.
Emerson Electric Mfg. Co.
Franklin Electric Co., Inc.
Garrett Corp.
General Electric Co.
General Electric Co., Small Integral Motor Dept.
Hoover Electric Co.
Howell Electric Motors Co.
Imperial Electric Co.
Marathon Electric Mfg. Corp.
Reliance Electric & Engineering Co.
Robbins & Myers, Inc.
Safety Electrical Equipment Corp.
Smith Corp., A. O.
Sterling Electric Motors, Inc.
Wagner Electric Corp.

Motors, Integral, Over 5 Hp.

Allis-Chalmers Mfg. Co.
Allis Co., Louis
Baldor Electric Co.
Brook Motor Corp.
Brown-Brockmeyer Co.
Century Electric Co.
Dayton Electric Mfg. Co.
Delco Products Div.
Diehl Mfg. Co.
Doerr Electric Corp.
Electric Products Co.
Electro Dynamic Div.
Elliott Co.
Franklin Electric Co., Inc.
Garrett Corp.
General Electric Co.
Hoover Electric Co.
Howell Electric Motors Co.
Ideal Electric & Mfg. Co.
Imperial Electric Co.
Marathon Electric Mfg. Corp.
Reliance Electric & Engineering Co.
Robbins & Myers, Inc.
Safety Electrical Equipment Corp.
Smith Corp., A. O.
Sterling Electric Motors, Inc.
Wagner Electric Corp.

Motors, Miniature

Bodine Electric Co.
Dayton Electric Mfg. Co.
Fasco Industries, Inc.
Garrett Corp.
General Controls Co.
General Electric Co.
Howard Industries, Inc.
Small Motors, Inc.

Motors, Direct Current

Allis-Chalmers Mfg. Co.
Baldor Electric Co.
Bodine Electric Co.
Century Electric Co.
Dayton Electric Mfg. Co.
Delco Products Div.
Doerr Electric Corp.
Elliott Co.
Garrett Corp.
General Electric Co.
Hoover Electric Co.
Howard Industries, Inc.
Ideal Electric & Mfg. Co.
Imperial Electric Co.
Leece-Neville Co.
Mamco Corp.
Marathon Electric Mfg. Corp.
Reliance Electric & Engineering Co.
Robbins & Myers, Inc.
Safety Electrical Equipment Corp.
Small Motors, Inc.
Wagner Electric Corp.

Motors, Hermetic

Century Electric Co.
Delco Products Div.
Emerson Electric Mfg. Co.
Garrett Corp.
General Electric Co.
General Electric Co., Small Integral Motor Dept.
Ideal Electric & Mfg. Co.
Reliance Electric & Engineering Co.
Smith Corp., A. O.
Wagner Electric Corp.

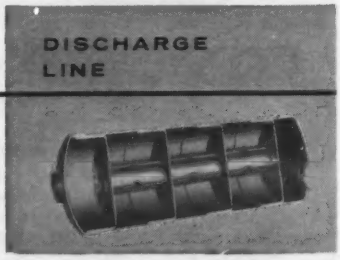
Manifolds

Refrigeration Research, Inc.

Mufflers, Discharge Line

A C & R Components, Inc.
Astro Products Corp.
Great Lakes Mfg. Corp.
Heat-X, Inc.
McCord Corp.
Phillips & Co., H. A.
Refrigeration Research, Inc.

(Continued)

TMC
MUFFLERS
Hydrogen-copper-brazed tubular construction, made in standard and special sizes to fit specifications and production requirements. Phone NX 3-7900 or send prints for quotation and delivery schedules.
DISCHARGE LINE

TUBE MANIFOLD CORPORATION
415-3 Bryant St.
N. Tonawanda, N.Y.

(Continued)

Schnacke, Inc.
Tube Manifold Corp.
Wilson Engineering Corp.

Name Plates and Escutcheons

Amos Molded Plastics
Brady Co., W. H.
C & H Supply Co.
Grand Rapids Brass Co.
Laminated Sheet Products Corp.
Lancaster Glass Corp.
Mayer Co., Inc., Geo. J.
Park Electrochemical Corp.
Polar Hardware Mfg. Co.
Ritter Pattern & Casting Co., Inc.
Scovill Mfg. Co.
Seton Name Plate Co., Inc.
Shurclose Seal Co.
Topflight Corp.
Woller & Co., Howard

Noise Absorbers

American Engineering Co.
Bar-Ray Products, Inc.
Cobra Metal Hose
Hansson, Inc., Elof
Industrial Acoustics Co., Inc.
Korfund Co., Inc.
MB Electronics
Morris Co., C. W.
Pittsburgh Corning Corp.
Wilson, Inc., Grant
Witco Chemical Co., Inc., Pioneer Products Div.

Nozzles, Oil Burner

Boston Machine Works Co.
Delavan Mfg. Co.
Eddington Metal Specialty Co.
Monarch Mfg. Works, Inc.
Schutte & Koerting Co.

Nozzles, Spray

Austin Mfg. Corp.
Bahnson Co.
Bete Fog Nozzle, Inc.
Binks Mfg. Co.
Boston Machine Works Co.
Century Engineering Corp.
Delavan Mfg. Co.
DeVilbiss Co.
Eddington Metal Specialty Co.
Monarch Mfg. Works, Inc.
Myers & Bros. Co., F. E.
Parks-Cramer Co.
Schutte & Koerting Co.
Spraying Systems Co.
United States Rubber Co.
Water Cooling Equipment Co.
Yarnall-Waring Co.

Odor Absorbing Units

Cambridge Filter Corp.
Connor Engineering Corp.
Easton R. S. Corp.
Minneapolis-Honeywell Regulator Co.
Ohio Carbon Co.
Permatron Corp.
Technical Filter Co.
Wright Mfg. Co.

Oil Separators

A C & R Components, Inc.
Acme Industries, Inc.
Anderson Co., V. D.
Dunham-Bush, Inc.
Frick Co.
Heat-X, Inc.
Howe Ice Machine Co.

(Continued)

DISCHARGE MUFFLER

For use in the discharge line to smooth out pulsations, thereby reducing vibration and noise.

Refrigeration Research, leading manufacturer of mufflers in production quantities for manufacturers, pioneered the first complete cataloged line of mufflers.

Mufflers are of hydrogen copper brazed construction insuring maximum strength and complete cleanliness. Underwriters listed.

Available at Leading Wholesalers

REFRIGERATION RESEARCH
INCORPORATED
525 N. FIFTH STREET BRIGHTON, MICHIGAN
THE "ORIGINAL EQUIPMENT" PARTS MANUFACTURER SINCE 1944

See complete addresses in Alphabetic Section, page 25

(Continued)

King Zeero Co.
Phillips & Co., H. A.
Precision Heat Exchanger Co., Inc.
Temprite Products Corp.
Vilter Mfg. Corp.
Wabash Corp.
York Div.

Oil Sight Glasses, Compressor

Frick Co.
Great Lakes Mfg. Corp.
Lunkenheimer Co.
McIntire Co.
Phillips & Co., H. A.
Swift Lubricator Co., Inc.
York Div.

Oils for Coating Viscous Air Filters

Air-Maze Corp.
Burke & Co.
Perma-Fil Mfg. Co.

Oils, Lubricating

Crown Industrial Products Co.
Gulf Oil Corp.
Houghton & Co., E. F.
Sealed Unit Parts Co., Inc.
Sun Oil Co.
Texaco, Inc.
York Div.

Oils, Refrigeration

Ansul Chemical Co.
Frick Co.
Gulf Oil Corp.
Russell Coil Co.
Sun Oil Co.
Texaco, Inc.

"P" Traps

Astro Products Corp.
Bridgeport Brass Co.
Elkhart Products Corp.
Mueller Brass Co.
Tube Turns Plastics, Inc.

Pillow Blocks

Congress Drives Div.
Dayton Electric Mfg. Co.
Dick Co., Inc., R. & J.
Dodge Mfg. Corp.
Fafnir Bearing Co.
Frick Co.
New Departure Div.
Randall Graphite Bearings, Inc.
SKF Industries, Inc.

Pipe

(CI—Cast Iron; C—Copper; G—Galvanized; P—Plastic; S—Steel; W—Wrought Iron)

Alpha Plastics, Inc. (P)
Aluminum Co. of America
Anaconda American Brass Co. (C)
Babcock & Wilcox Co., Tubular Products Div. (S)
Bethlehem Steel Co. (S, G)
Byers Co., A. M. (P, S, G,W)
Carlon Products Corp. (P)
Chase Brass & Copper Co. (C)
Crucible Steel Co. of America (S)
du Pont de Nemours & Co., Inc., E. I.
Goodall Rubber Co. (P)
Goodrich Industrial Products Co., B. F. (P)
Green Colonial, Inc. (G)
Johns-Manville (P)
Jones & Laughlin Steel Corp. (S, G)
Lennox Industries, Inc. (G)
Mueller Brass Co. (C)
National Supply Div. (S)
National Tube Div. (P, S, G)
Parks-Cramer Co. (S)
Peerless Corp. (G)
Phelps Dodge Copper Products Corp. (C)
Republic Steel Corp. (P, S, G)
Revere Copper & Brass, Inc. (C)
Rolled Steel Corp. (S, G)
Round Oak Div. (G)
Ryerson & Son, Inc., Joseph T. (P, S)
Scovill Mfg. Co. (C)
Shurclose Seal Co. (CI, C)
Standard Metal Fabricating Co. (G)
Triangle Conduit & Cable Co., Inc. (P)
Tube Turns Plastics, Inc. (P)
United States Rubber Co. (P)
U. S. Steel Supply Div. (S, G)
Wheatland Tube Co. (S, G)
Yardley Plastics Co. (P)
Youngstown Sheet & Tube Co. (P, S, G)

Pipe & Fittings, Gas Vent

Adelta Mfg. Co., Inc.
Dura-Vent Corp.
Hart & Cooley Mfg. Co.
Henry Furnace Co.
Johns-Manville
Lennox Industries, Inc.
Mueller Brass Co.
Olsen Mfg. Co., C. A.
Peerless Corp.
Round Oak Div.
Wallace Co., William

Pipe Hangers and Supports

Acme Steel Co.
Chase Brass & Copper Co.

(Continued)

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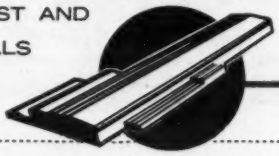

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Straight Lengths or Coils

Type M
Hard Temper—Straight Lengths

COPPER DRAINAGE TUBE DWV
Hard Temper—Straight Lengths

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Chamblee, Georgia
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Needham 92, Mass.
Hillcrest 4-3810

***CHICAGO 51, ILLINOIS**
4105 West Chicago Avenue
NEvada 2-2300

***CINCINNATI 41, OHIO**
10346 Evendale Drive
PRinceton 1-8975

***CLEVELAND 35, OHIO**
4635 West 160th Street
ORchard 1-1500

***DETROIT 20, MICHIGAN**
1333 East Eight Mile Road
JOrdan 6-4611

ELM GROVE, WISCONSIN
13300 Watertown Plank Road
SUnset 2-6760

GREENSBORO, NO. CAROLINA
1108 East Wendover Avenue
BRoadway 2-8123

***LOS ANGELES 22, CALIFORNIA**
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OVerbrook 5-7300

NEW YORK 17, NEW YORK
733 Third Avenue
OXford 7-3222

***PHILADELPHIA 43, PENNA.**
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SAratoga 6-8123

***PROVIDENCE 3, RHODE ISLAND**
183 Public Street
Exter 1-3362

***ROCHESTER 6, NEW YORK**
175 Dodge Street
GLenwood 3-0194

SAN FRANCISCO 7, CALIFORNIA
434 Brannan Street
GArfield 1-1923

***STURGIS, MICHIGAN**
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OLiver 1-3251

WATERBURY 20, CONNECTICUT
99 Mill Street
Phone 754-1171

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For specific product listings, see Alphabetic Cross Index at back of Directory

Elkhart Products Corp.
Flexonics
Holub Industries, Inc.
McIntire Co.
Paine Co.

Pipe Joint Compounds

Airserco Mfg. Co.
American Solder & Flux Co.
Anthony Co., W. S.
Crane Packing Co.
Garlock, Inc.
Highside Chemicals Inc.
Madden Brass Products Co.
Parker Fittings & Hose Div.
Rector Well Equipment Co., Inc.
Sunshine Chemical Co., Inc., John
West Chester Chemical Co.
Wilson, Inc., Grant
Witco Chemical Co., Inc., Pioneer Products Div.
X-Pando Corp.

Piston Rings, Compressor

Duro Metal Products Co.
Garlock, Inc.
Gould-National Batteries, Inc., Engine Parts Div.
Ingersoll-Rand Co.
Ohio Carbon Co.

Plastic Molding Materials

Dow Chemical Co.
du Pont de Nemours & Co., Inc., E. I.
Durez Plastics Div.
Eastman Chemical Products, Inc.
Garlock, Inc.
General Tire & Rubber Co.
Goodrich Industrial Products Co., B. F.
Goodyear Tire & Rubber Co.
Koppers Co., Inc.
Riverside Electrical Mfg. Co.
Union Carbide Chemicals Co.
Union Carbide Plastics Co.
United States Rubber Co.

Plastic Parts

(E—Extruded; M—Molded; S—Sheet or Film)

Alpha Plastics, Inc. (E)
Amos Molded Plastics (M)
Anchor Plastics Co., Inc. (E)
Auburn Mfg. Co. (S)
Austin Mfg. Corp. (M)
Capitol Refrigeration, Inc.
Carlon Products Corp. (E)
Carolina Industrial Plastics Div. (E, M, S)
Chicago-Wilcox Mfg. Co. (S)
Cornelius Co. (M)
Custom Molding Div. (M)
Dow Chemical Co. (S)
du Pont de Nemours & Co., Inc., E. I. (S)
Dyfoam Corp. (E, M, S)
Eagle Machine & Tool Co.
Garlock, Inc. (E, M, S)
Geauga Industries Co. (E)
General Tire & Rubber Co. (E, M, S)
Goodrich Industrial Products Co., B. F.
Goodyear Tire & Rubber Co. (E, M, S)
Heil Process Equipment Corp. (M, S)
Industrial Devices, Inc. (M)
Jarrow Products, Inc. (E)
Johnson Plastic Corp. (E, M)
Johnson Rubber Co. (E, M)
Koppers Co., Inc. (S)
Laminated Sheet Products Corp. (S)
Lancaster Glass Corp. (M)
Northland Plastics, Inc. (E)
Quick Industries (E)
Republic Molding Corp. (M)
Resistoflex Corp. (E, M, S)
Richco Plastic Co. (E)
Ryerson & Son, Inc., Joseph T. (S)
Sheller Mfg. Corp. (E, M)
Shurclose Seal Co. (E, M, S)
Southern Plastics Co. (E, M, S)
Sperry Rubber & Plastics Co. (E)
Tube Turns Plastics, Inc. (M)
Unilectric, Inc. (M)
Yardley Plastics Co. (E, M)

Plate Coils

Dean Products, Inc.
Dole Refrigerating Co.
Hedeman Products, Inc.
Heil Process Equipment Corp.
Rudy Mfg. Co.

Pressure Relief Devices

American Instrument Co., Inc.
Black, Sivalls & Bryson, Inc.
Dole Valve Co.
Frick Co.
Great Lakes Mfg. Corp.
Henry Valve Co.
McDonnell & Miller, Inc.
Mueller Brass Co.
OPW-Jordan Div.
Parks-Cramer Co.
Superior Valve & Fittings Co.
Watsco, Inc.

Pulleys

(C—Compressor; M—Motor and Pump)

Barke Products, Inc. (C, M)
Bush Mfg. Co. (C, M)
Capitol Machine Co. (C, M)
Congress Drives Div. (C, M)
Dayton Electric Mfg. Co.
Deming Div. (M)
Dick Co., Inc., R. & J. (C, M)
Dodge Mfg. Corp.
Frick Co. (C, M)
Garrett Corp. (M)
Gates Rubber Co.
Jabsco Pump Co. (M)
Lancaster Pump & Mfg. Co., Inc. (M)
Marlow Pumps Div. (M)
Maurey Mfg. Corp.
Nagel-Chase Mfg. Co. (C, M)
New Departure Div. (C, M)
Roth Co., Roy E., Turbine Pump Div. (M)
Shurclose Seal Co.
Tuthill Pump Co. (M)
Worthington Corp.
Zatko Corp. (C, M)

Pumps, Refrigerant Transfer

American Machine Products, Inc.
Aurora Pump Div.
B-I-F Industries, Inc.
Belt-Ice Corp.
Blackmer Pump Co.
Carver Pump Co.
Drying Systems Co.
Garrett Corp.
Gelber & Sons, Inc., S.
Goulds Pumps, Inc.
Great Lakes Mfg. Corp.
Heatron, Inc.
Howe Ice Machine Co.
Ingersoll-Rand Co.
Kinney Vacuum Div.
Kohlenberger Engineering Corp.
Lewis & Co., Inc., Chas. S.
Pacific Pumping Co.
Phillips & Co., H. A.
Procon Pump & Engineering Co.
Robbins & Myers, Inc.
Roth Co., Roy E., Turbine Pump Div.
Vilter Mfg. Corp.
Weinman Pump Mfg. Co.
York Div.

Pumps, Steam

Buffalo Forge Co.
Buffalo Pumps
Hartell, Inc.
Hoffman Specialty Mfg. Corp.

(Continued)

PEERLESS PUMPS
FOR AIR CONDITIONING AND REFRIGERATION SYSTEMS

Products:

VERTICAL PUMPS: Deep and shallow well pumps; water supply, boosting, circulating and waste disposal pumps; condensate pumps; sump pumps. All types of drive.

HORIZONTAL PUMPS: General purpose horizontal split case and end-suction pumps; boiler feed pumps; condensate pumps, circulating pumps; process pumps. All types of drive.

FACEMOUNT END-SUCTION PUMPS

TYPE PE-B — *Motor Sizes:* ¼ to 1½ hp. 3450 rpm. *Capacities:* up to 65 gpm. *Heads:* up to 110 feet.
New NEMA type motor design. Stainless steel shaft equipped with shaft seal. All bronze impeller, threaded on shaft. Excellent operating and performance characteristics. Described in Bulletin No. B-2300.

TYPE PE-200A, 300A, 500A, 750A—*Motor Sizes:* 2, 3, 5 and 7½ hp. 3450 rpm. *Capacities:* up to 190 gpm. *Heads:* up to 140 feet. Compact motor mounting. Stainless steel shaft. Cast bronze impeller. Shaft seal equipped. Performance and operating characteristics are excellent. A quality pump throughout. Described in Bulletin No. B-2300.

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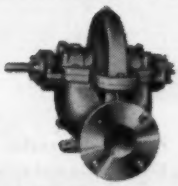
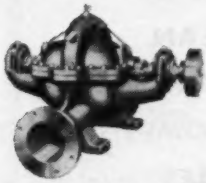
CLOSE-COUPLED SIDE-SUCTION PUMPS



PEERLESS AQUALINE® — A quality line of economical general purpose horizontal split case pumps. Ideal for all commercial and industrial building services — hot and cold water pumping, cooling tower services, etc. Up to 8" in discharge sizes. *Head range:* up to 350 feet; *capacity range:* up to 2600 gpm. Fully described in Bulletin B-2100.



TYPE A—One of America's most complete lines of horizontal split case centrifugal pumps. *Capacities:* up to 70,000 gpm. *Heads:* up to 400 feet. *Drives:* direct connected electric motor and all other types. Handles liquids up to 300°F. Widely used for boosting, circulating and pressuring in large volume water handling systems. Fully described in Bulletin No. B-1300.

PEERLESS PUMP—Hydrodynamics Division
FMC Corporation

PLANTS: Los Angeles 31, Calif., Indianapolis 8, Ind.
OFFICES: New York, Detroit, Indianapolis, Cleveland, Chicago, St. Louis, San Francisco, Atlanta, Tampa, Plainview, and Lubbock, Texas, Albuquerque, Phoenix, Los Angeles, Fresno. Dealers in principal cities. Consult your telephone directory.

See complete addresses in Alphabetic Section, page 25

(Continued)

Ingersoll-Rand Co.
Weinman Pump Mfg. Co.
Worthington Corp.

Pumps, Sump

Aurora Pump Div.
Barnes Mfg. Co.
Berkeley Pump Co.
Buffalo Forge Co.
Buffalo Pumps
Carver Pump Co.
Chicago Pump, Hydrodynamics Div.
Dayton Electric Mfg. Co.
Deming Div.
Dunham-Bush, Inc.
Eastern Industries
Gelber & Sons, Inc., S.
Goulds Pumps, Inc.
Hartell, Inc.
Ingersoll-Rand Co.
Jabsco Pump Co.
Kenco Pump Div.
Kol-Master Corp.
Lancaster Pump & Mfg. Co., Inc.
March Mfg. Co., Inc.
Mark & Co., Clayton
Marlow Pumps Div.
Myers & Bros. Co., F. E.
Pacific Pumping Co.
Peerless Pump, Hydrodynamics Div.
Red Jacket Mfg. Co.
Robbins & Myers, Inc.
Sta-Rite Products Corp.
Standard Electric Mfg. Co., Inc.
Wayne Home Equipment Co., Inc.
Weinman Pump Mfg. Co.
Wheeler Mfg. Co., C. H.
Worthington Corp.

Pumps, Vacuum Heating

Chicago Pump, Hydrodynamics Div.
Gelber & Sons, Inc., S.
Hoffman Specialty Mfg. Corp.
Ingersoll-Rand Co.
Skidmore Corp.
Stokes Corp., F. J.
Wheeler Mfg. Co., C. H.

Pumps, Water

Ace Pump Corp.
Allis-Chalmers Mfg. Co.
Aurora Pump Div.
Bell & Gossett Co.
Berkeley Pump Co.
Buffalo Forge Co.
Buffalo Pumps Div.
Chicago Pump, Hydrodynamics Div.
Dayton Electric Mfg. Co.
Decatur Pump Co.
Deming Div.
Dunham-Bush, Inc.
Eastern Industries
Gelber & Sons, Inc., S.
Goodfellow Co., Inc., E. D.
Gorman-Rupp Industries,
Goulds Pumps, Inc.
Graymills Corp.

(Continued)

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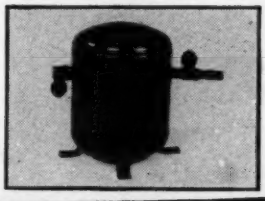

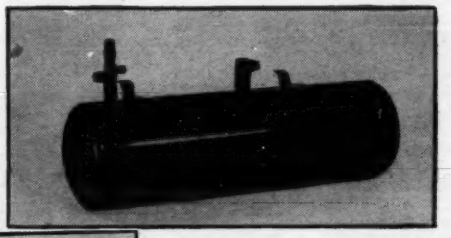

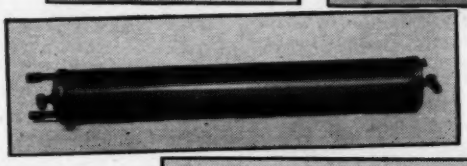

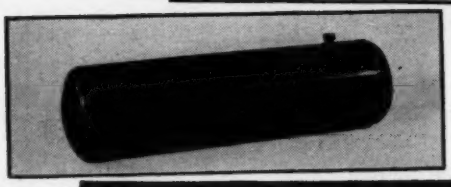

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prompt delivery

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Liquid Receivers— 6" to 12" diameter, up to 60" long

Condenser Receivers— ½ to 5 h.p.

Designed and built to meet all your requirements.
U.L. approved. ASME coded.

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Division of Lehigh, Inc., Easton, Pa.
Manufacturers of Hermetic and Open Type Condensing Units; Compressors; Receivers; Condenser Receivers.

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Hartell, Inc.
Hoffman Specialty Mfg. Corp.
Imperial Mfg. Co.
Ingersoll-Rand Co.
Jabsco Pump Co.
Kenco Pump Div.
Kesco Products Corp.
Lancaster Pump & Mfg. Co., Inc.
Little Giant Pump Co.
March Mfg. Co., Inc.
Marlow Pumps Div.
McDonald Mfg. Co., A. Y.
Myers & Bros. Co., F. E.
NRC Equipment Corp.
Pacific Pumping Co.
Peerless Pump, Hydrodynamics Div.
Procon Pump & Engineering Co.
Red Jacket Mfg. Co.
Robbins & Myers, Inc.
Ruthman Machinery Co.
Skidmore Corp.
Sta-Rite Products Corp.
Standard Electric Mfg. Co., Inc.
Taco Heaters, Inc.
Tuthill Pump Co.
Wallace & Tiernan, Inc.
Wayne Home Equipment Co., Inc.
Weinman Pump Mfg. Co.
Wheeler Mfg. Co., C. H.
Worthington Corp.

Purgers, Continuous

American Tube & Controls, Inc.
Armstrong Machine Works
Frick Co.
General Fittings Co.
Howe Ice Machine Co.
Kohlenberger Engineering Corp.
Mueller Brass Co.
Vilter Mfg. Corp.
Wallace & Tiernan, Inc.
Watkins Co., J. E.
York Div.

Racks & Stands, Condenser and Compressor

Acme Steel Co.
Astro Products Corp.
Bastian-Blessing Co.
Brunner Div.
Dunham-Bush, Inc.
Fine Products Co.
Frick Co.
Rochester Products Div.
Trane Co.

Receiver-Driers

Ansul Chemical Co.
Kenmore Machine Products, Inc.
McCord Corp.
Pressed Steel Tank Co.
Refrigeration Research, Inc.
Superior Valve & Fittings Co.
Tube Manifold Corp.
Weatherhead Co.

Receivers

(H—Horizontal; V—Vertical)

Acme Industries, Inc. (H, V)
Aircraft Production Engineers (H)
Armstrong Co., Richard M. (H, V)
Brunner Div. (H)
Dunham-Bush, Inc. (H)
Frick Co. (H, V)
Heat-X, Inc. (H)
Howe Ice Machine Co. (H, V)
Joy Mfg. Co.
Kenmore Machine Products, Inc. (H, V)

(Continued)

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Widely used by leading condensing unit and original equipment manufacturers. Available in a broad range of types and sizes to meet volume requirements. Hydrogen copper brazed, dehydrated and pressure tested. Backed by a reputation of quality and service. Underwriters listed.

Available at Leading Wholesalers

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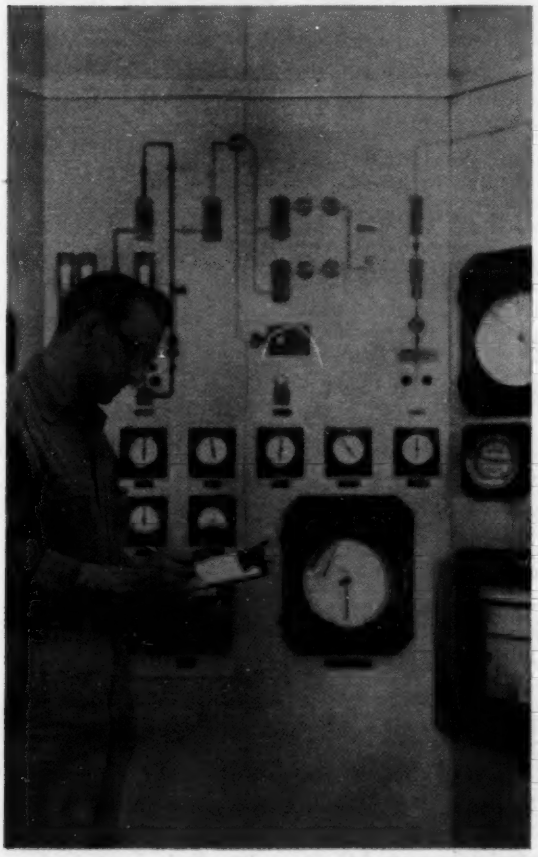
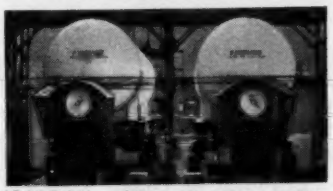
THE "ORIGINAL EQUIPMENT" PARTS MANUFACTURER SINCE 1944

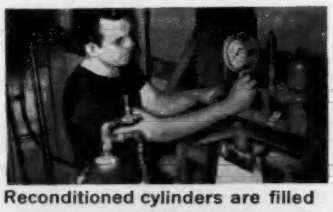


Automatic controls assure maximum dryness and purity.

In modern industrial plants,



ISOTRON refrigerants are purity processed.



Reconditioned cylinders are filled

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Pennsalt ISOTRON® refrigerants... for purity, dryness, guaranteed weight

Pennsalt ISOTRON refrigerants are manufactured under rigidly controlled conditions to meet or surpass all accepted industry standards. Constant analysis insures purity and minimum moisture content. Care in packaging and shipping means quality *stays* in.

Pennsalt offers you the widest choice of containers... from disposable Handi-Cans® to cylinders, ton containers, tank trucks and tank cars. Prompt delivery is assured by Pennsalt's nationwide network of warehouse facilities.

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Pennsalt Chemicals ®
ESTABLISHED 1850

Isotron Department
PENNSALT CHEMICALS CORPORATION
Three Penn Center
Philadelphia 2, Pa.

See complete addresses in Alphabetic Section, page 25

(Continued)

Lehigh Mfg. Co. (H, V)
Manchester Tank & Equipment Co. (H, V)
McCord Corp. (H, V)
Precision Heat Exchanger Co., Inc. (H, V)
Pressed Steel Tank Co. (H, V)
Refrigeration Research, Inc. (H, V)
Standard Refrigeration Co. (H, V)
Super Radiator Corp. (H, V)
Tube Manifold Corp. (H, V)
United Sheet Metal Co., Inc. (H, V)
Vilter Mfg. Corp. (H, V)
Watkins Co., J. E. (H, V)
Weatherhead Co. (H, V)
York Div. (H, V)

Receptacles, Wiring

Circle F Mfg. Co.
Hubbell, Inc., Harvey
Pyle-National Co.
Unilectric, Inc.

Refrigerants

Ammonia

Allied Chemical Corp., Nitrogen Div.
Anderson Chemical Co., Inc.
Armour Agricultural Chemical Co., Industrial Ammonia Div.
Belt-Ice Corp.
Bower Chemical Mfg. Co., Henry
Dow Chemical Co.
du Pont de Nemours & Co., Inc., E. I.
Pennsalt Chemicals Corp.
U. S. Industrial Chemicals Co.

Carbon Dioxide

Liquid Carbonic Div.

Ethyl Chloride

Dow Chemical Co.
U. S. Industrial Chemicals Co.

Methyl Chloride

Allied Chemical Corp., Solvay Process Div.
Ansul Chemical Co.
Belt-Ice Corp.
Dow Chemical Co.
du Pont de Nemours & Co., Inc., E. I.
Virginia Chemicals & Smelting Co.

Methylene Chloride

Allied Chemical Corp., Solvay Process Div.
Dow Chemical Co.
du Pont de Nemours & Co., Inc., E. I.

Refrigerant-11

Ansul Chemical Co.
Belt-Ice Corp.
du Pont de Nemours & Co., Inc., E. I.
General Chemical Div.
Pennsalt Chemicals Corp.
Union Carbide Chemicals Co.
Virginia Chemicals & Smelting Co.

Refrigerant-12

American Potash & Chemical Corp.
Ansul Chemical Co.
Belt-Ice Corp.
du Pont de Nemours & Co., Inc., E. I.
General Chemical Div.
Pennsalt Chemicals Corp.
Sealed Unit Parts Co., Inc.
Union Carbide Chemicals Co.
Virginia Chemicals & Smelting Co.

Refrigerant-13

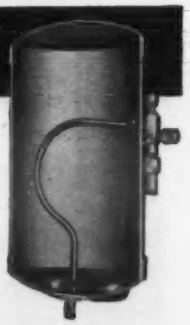
du Pont de Nemours & Co., Inc., E. I.
Pennsalt Chemicals Corp.
Virginia Chemicals & Smelting Co.

Refrigerant-13B1

du Pont de Nemours & Co., Inc., E. I.

Refrigerant-22

American Potash & Chemical Corp.
Ansul Chemical Co.
Belt-Ice Corp.
du Pont de Nemours & Co., Inc., E. I.
General Chemical Div.
Pennsalt Chemicals Corp.
Pennsylvania Engineering Co.
Sealed Unit Parts Co., Inc.
Union Carbide Chemicals Co.
Virginia Chemicals & Smelting Co.

TMC®
LIQUID RECEIVERS
Complete range of sizes up to 8" diameter, for household and commercial refrigeration and air conditioning systems. Hydrogen-copper brazed construction, thoroughly cleaned and dehydrated. Sizes, fittings and brackets to meet volume specifications. Phone NX 3-7900 for data.

TUBE MANIFOLD CORPORATION
415-1 Bryant St.
N. Tonawanda, N.Y.

In The Lead With Ucon® Refrigerants

"Fastest with the mostest" is UCON IKE's history thus far, as witness the pioneering of the ring-top refrigerant cylinder, introduction of the handwheel cylinder valve, and instant cylinder deposit refunds . . . all important firsts in packaging and convenience.

And being in the lead is something UCON IKE and the friendly folks he represents, firmly intend to *continue*. When you *really* need something, *we'll deliver* – whether it be in packaging conveniences or helpful service.

Our promise: being on our toes to meet *your* every on-the-job refrigerant need.

For the most compact and *convenient* line of refrigerants . . . See Your UCON Refrigerants wholesaler.

UCON Refrigerants are manufactured by
UNION CARBIDE CHEMICALS COMPANY — Division of Union Carbide Corporation
270 Park Avenue, New York 17, N. Y.
Exclusive Sales Agent to Air Conditioning and Refrigeration Wholesalers
ANSUL CHEMICAL COMPANY, Marinette, Wisconsin
UCON is a registered trademark of Union Carbide Corporation

UNION CARBIDE product Ucon® refrigerants

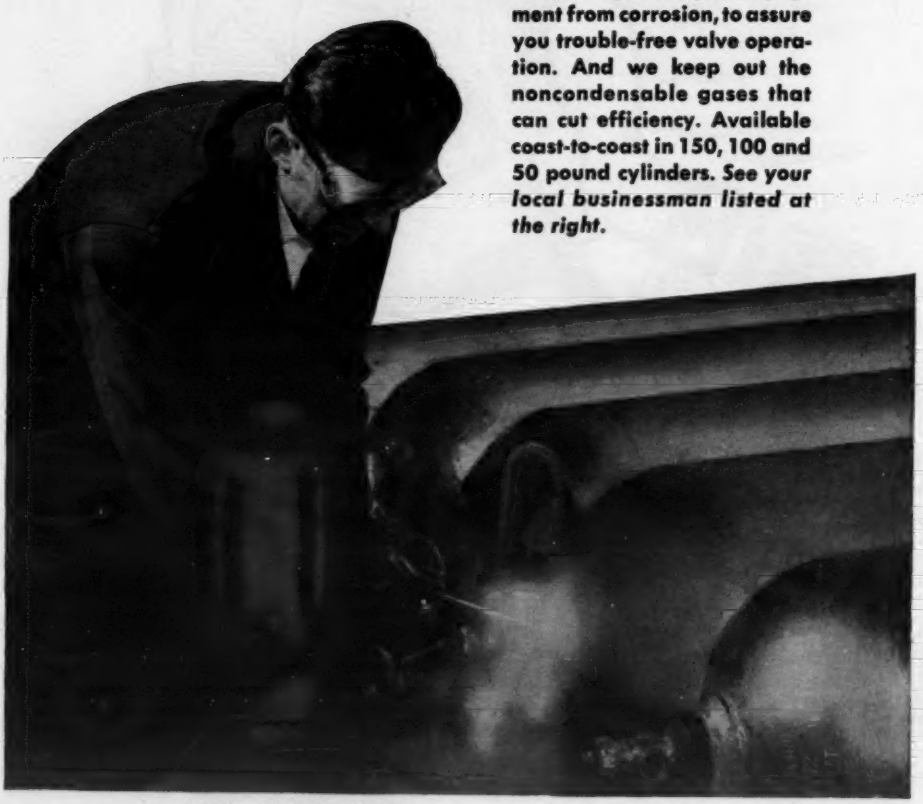
exclusive sales agent ANSUL

For specific product listings, see Alphabetic Cross Index at back of Directory

ALLIED CHEMICAL

Anhydrous Ammonia always easy on compressors . . . because we check every cylinder

Every cylinder of Allied Chemical Anhydrous Ammonia (Refrigeration Grade) is never less than 99.98% pure. We keep it *dry*—less than 0.01 cc. moisture per 100 cc. of anhydrous—to protect your equipment from corrosion, to assure you trouble-free valve operation. And we keep out the noncondensable gases that can cut efficiency. Available coast-to-coast in 150, 100 and 50 pound cylinders. *See your local businessman listed at the right.*



BASIC TO AMERICA'S PROGRESS

2819

Allied Chemical

NITROGEN DIVISION
Dept. CA4-58-2, 40 Rector St., New York 6, N.Y.

Order from your local

ALLIED CHEMICAL *Ammonia Distributor*

ARKANSAS
Little Rock: Terminal Warehouse Co., 500 E. Markham St.

COLORADO
Denver: Mine & Smelter Supply Co., 3800 Race St., P.O. Box 9041

CONNECTICUT
South Norwalk: Miller Stephenson Chemical Co., Inc., 39 Day Street
West Hartford: The Christian Petersen & Son Co., 26 Brook St., P.O. Box 247

FLORIDA
Jacksonville: D. W. Anderson, 615 E. Bay St., P.O. Box 1346
Miami: Columbia Chemical & Supply Co., 7430 N. E. 4th Ct. Box 967 L. R. Station
Tampa: Food Equipment & Supply Co., Inc., 1809 Second Ave., P.O. Box 422

GEORGIA
Atlanta: Nitrogen Division, Allied Chemical Corp., 127 Peachtree Street, N. E.
Macon: The Anderson Chemical Co., Inc., 1620 Waterville Rd., P.O. Box 1424
Savannah: Thomas' Bonded Warehouse, Louisville Rd., P.O. Box 2009

ILLINOIS
Chicago: Nitrogen Division, Allied Chemical Corp., 430 Merchandise Mart Plaza
Westland Engineering Supply Co., 53 W. Jackson Blvd.
Rock Island: Mid-Continent Terminal & Storage, Inc., 6th Ave. at Mississippi River
Springfield: Industrial Chemical Supply Co., 230 No. 15th St.

INDIANA
Columbus: P. B. & S. Chemical Co. 1703 Keller Ave.
Indianapolis: Wm. Lynn Chemical Co., Inc., 121-131 N. Davidson St.

IOWA
Burlington: McKesson & Robbins, Inc., 100 N. 4th St., P.O. Box 591
Cedar Rapids: McKesson & Robbins, Inc., 900 2nd St., S.E.
Des Moines: Blue Line Storage Co., 226 Elm St.
Ottumwa: J. W. Edgerly & Co., 120 W. Main St.
Sioux City: McKesson & Robbins, Inc., 304 Pearl St.

KANSAS
Wichita: Reid Supply Co., 306 W. 2nd St.

KENTUCKY
Henderson: P. B. & S. Chemical Co., 1100 N. Adams St.
Louisville: Griffin Chemical Co., 528 Franklin St.
Paducah: Preston Chemical Co., 933 South 10th Street

LOUISIANA
New Orleans: Bartlett Chemicals, 1460 South Peters St.
Joseph Jurisich Warehouse, 338 North Peters St.
Sam Reisfeld & Son, 649 So. Galvez St.
Shreveport: Thompson-Hayward Chemical Co., 219 Beech St.

MAINE
Portland: Acme Engineering Co., 40 Exchange St.

MARYLAND
Baltimore: Leidy Chemicals Corp., 920 S. Eutaw St.

MASSACHUSETTS
Attleboro: Reynolds & Markman, Inc., 88 Union St.
Holliston: Northeastern Ammonia Company, 432 Norfolk St.
Malden: Barrett Div., Allied Chemical Corp., 378 Commercial St.
Peabody: Hamblet and Hayes Co.
Springfield: The Chemical Corp., 54 Waltham Ave.
West Springfield: Barker Chemical Co., 101 Circuit Ave., P.O. Box 173
Worcester: Brewer & Company, Inc., Ind. Chem. Div., 45 Arctic St.
Chemical Sales & Service Co., Inc. 45-61 Fremont St.

MICHIGAN
Detroit: Barrett Div., Allied Chemical Corp., 1200 Zug Island Rd.
Eaton Chemical & Dyestuff Co., 1490 Franklin St.

MINNESOTA
Duluth: Northern Cold Storage & Warehouse Co.
St. Paul: Lyon Chemicals, Inc. 2305 Hampden Ave.

MISSISSIPPI
Jackson: Ricks Storage Co., 126 Ricks St.

MISSOURI
Joplin: P. G. Walker & Son, Inc., 702 Pennsylvania Ave.
Kansas City: Abner Hood Chemical Co., 507-517 N. Montgall Ave.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd.
Springfield: P. G. Walker & Son, Inc., 1435 College St.
St. Louis: McKesson & Robbins, Inc., 904 Landreth Bldg., 320 No. Fourth St.
Nitrogen Div., Allied Chemical Corp., 4528 South Broadway
G. S. Robins & Co., 126 Chouteau Ave.

NEBRASKA
Omaha: McKesson & Robbins, Inc., Chemical Department, 605 Leavenworth Street

NEW JERSEY
Edgewater: Nitrogen Div., Allied Chemical Corp., 1 River Rd.
Hawthorne: Seaboard Industries, 185 Van Winkle Ave.
Paterson: Lotte Chemical Corp., 109 - 5th Ave., P.O. Box 2488

NEW YORK
Albany: Albany Laboratories, Inc., 67 Howard St.
Brooklyn: Engel's Trucking Co., 541 Kent Ave.
Tex-Ite Products Corp., 859 E. 43rd St.
Buffalo: Commercial Chemicals, Inc., 211 Hertel Ave.
East Syracuse: Gleason Chemicals, Inc., 130 Hesdson Drive
New York: Davies Nitrate Co., 114 Liberty St.
Nitrogen Div., Allied Chemical Corp., 40 Rector St.
E. M. Sargeant Pulp & Chemical Co., Inc., 7 Dey St.
Plattsburg: Adirondack Chemical Company, 222 Margaret St.
Poughkeepsie: Duso Chemical Co. Inc., Fulton & Fairview Sts., P.O. Box 665
Rochester: Willam B. Duffy Carting Co., 62 Scio St.

NORTH CAROLINA
Charlotte: Acme Soap & Chemical Co., Inc., Pineville Rd., P.O. Box 11,264

OHIO
Cleveland: The Conaty Warehouse Co., 1245 Hemlock St.
The Harshaw Chemical Co., 1945 E. 97th St.
Columbus: Eton-Colby Chemical Co., Box 626, 820 North Cassady Ave.

OKLAHOMA
Oklahoma City: Rex Engineering & Sales Co., 2735 N.W. 10th St., P.O. Box 5141
Tulsa: Vaughn Chemical Co, 1102 E. 3rd St.

PENNSYLVANIA
Avoca: Lunox Chemical Works, Inc., Box 7
Elizabeth (Pittsburgh): Western Pennsylvania Chemical Co., Inc., Glassport Elizabeth Road
Middletown: Western Pennsylvania Chemical Co., Inc., Brown & Catherine Sts.
Philadelphia: Barrett Div., Allied Chemical Corp., 36th St. & Gray's Ferry Rd.
Hugh F. Gannon Trucking Corp., 430 N. Front
Salt Service Inc., Jefferson & Creighton Sts.
Pittsburgh: Thomas Knoch, 244 Bascom St.
Pitt-Penn Terminal Co., 1320 Penn Ave.
Western Pennsylvania Chemical Co., Inc., 2955 Grand Ave.

RHODE ISLAND
Providence: T. H. Baylis Co., 118 Whipple St.

SOUTH CAROLINA
Charleston: Thomas W. Carroll, Inc., 24 Market St.

TENNESSEE
Memphis: The Lilly Co., 466 Union Ave.
Nashville: Cumberland Storage & Whse. Co., 700 Benton Ave.

TEXAS
Dallas: Alford Refrigerated Warehouse, 318 Cadiz St., P.O. Box 5088
Charles H. Platter & Co., Suite 228, 318 Cadiz Street
El Paso: George S. Thompson Co., Inc., 611-615 No. Campbell St.
Harlingen: Jones Moving & Storage Co., 1002 W. Jackson
Houston: Leatherwood Supply Co., 2005 McKinney
Lubbock: Thompson-Hayward Chemical Co., P.O. Box 323
San Antonio: Ryan Brokerage Co., Transit Tower
Scobey Fireproof Storage Co., 315 N. Medina

VERMONT
Burlington: Valcour Chemical Co., Ft. of Battery St., P.O. Box 603

VIRGINIA
Richmond: Phipps & Bird, Inc., 303 South 6th St., P.O. Box 2-V

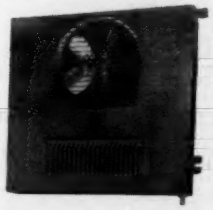
WEST VIRGINIA
Charleston: B. Preiser Co., Inc. 416 W. Washington St., P.O. Box 6118

WISCONSIN
Chippewa Falls: Lyon Chemicals, Inc., 201 E. Walnut St.
Cottage Grove: North Central Chemicals, Inc.
Green Bay: Controlled Temperature Supplies, 1016 Velp Ave.

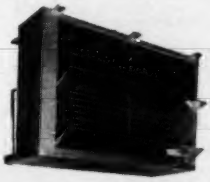
See complete addresses in Alphabetic Section, page 25

There is Built-In Satisfaction in The Complete PEERLESS Line

For every type of refrigeration application there is a Peerless Product. Many have exclusive features of design and construction responsible for a high constant B.T.U. capacity rate and greater ease in installation.

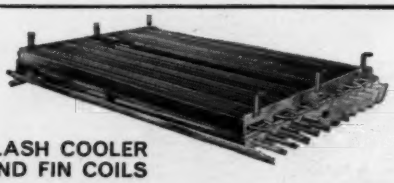


MULLION UNIT COOLER

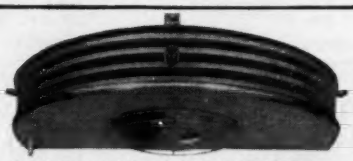


STANDARD AND LOW TEMPERATURE UNIT COOLER

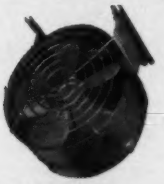
SLOPE FRONT UNIT COOLER



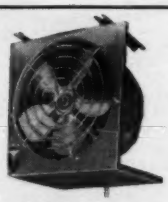
FLASH COOLER AND FIN COILS



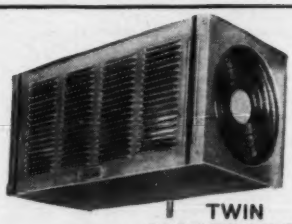
HALF DOME UNIT COOLER



STANDARD "POWER PACK" UNIT COOLER



DELUXE "POWER PACK" UNIT COOLER

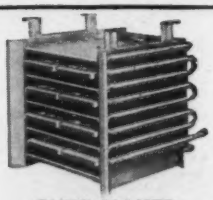


TWIN "POWER PACK" UNIT COOLER

MANUFACTURERS: Send us blue prints of your evaporator and condenser requirements for quotation.

Send for catalog and price list.

"UNIVERSAL-K" EVAPORATOR AND CONDENSER



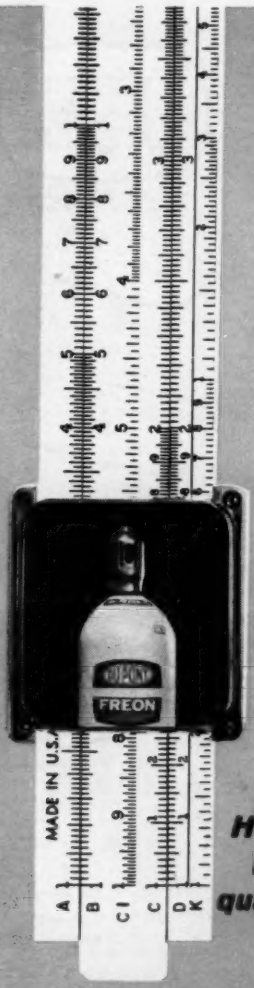
CUBE MAKER

PEERLESS

PEERLESS OF AMERICA, Inc.

Manufacturers of Refrigeration and Air Conditioning Coils Since 1912

5800 N. Pulaski Road · Chicago 46, Ill.



How can you measure the quality of a refrigerant?

Measure refrigerant quality by performance and time. When both are considered, they narrow the field to but one choice—Du Pont "Freon".

In actual performance "Freon", the first fluorocarbon refrigerant, has been proven in millions of air-conditioning and refrigeration systems—has established a standard of refrigerant performance that has never been surpassed.

In actual time "Freon" has been proven by 30 years of increasing use in all types of air-conditioning and refrigeration equipment—years during which no other type of refrigerant has been able to challenge Du Pont's original fluorocarbon. Today's air-conditioning and refrigeration industry is based on the development of "Freon".

"Freon" refrigerants are available from four plants and thirty-four warehouses conveniently located to assure you prompt delivery. In addition, "Freon" refrigerants are available overseas from authorized distributors.

Any way you measure, it pays to use Du Pont "Freon". Specify it as the refrigerant in your equipment. It will never let you or your equipment down.

FREON® ***premium quality refrigerants***

DU PONT

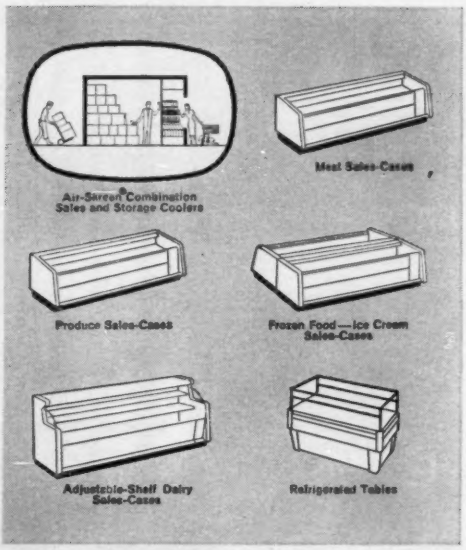
Better Things for Better Living . . . through Chemistry

For specific product listings, see Alphabetic Cross Index at back of Directory

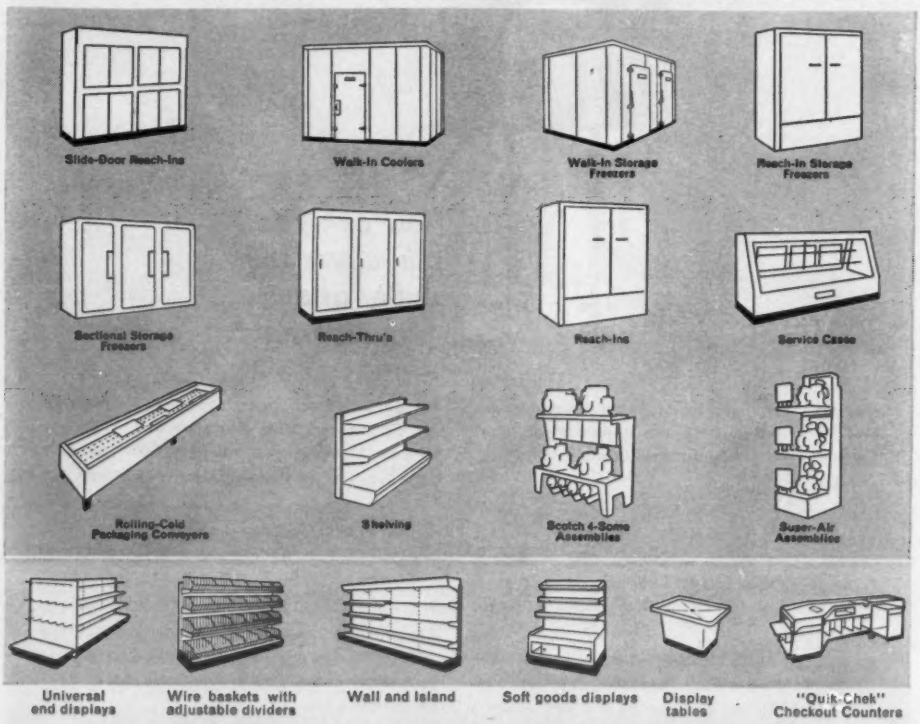
TYLER

for everything you need in

- **food refrigeration**
- **condensing unit assemblies**
- **adjustable, metal shelf-merchandisers**



Tyler—world's most complete line—more than 600 models of self-contained and remote installation commercial refrigerators for food stores, supermarkets, hotels, institutions, schools, hospitals, bakeries, etc.



TYLER REFRIGERATION CORPORATION, Niles, Michigan

CANADA—Tyler Equipment Sales Ltd., 732 Spadina Ave., Toronto, Ont. **SOUTH AMERICA**—Tyler Refrigeration International, C. A., Apartado Postal 9262, Caracas, Venezuela. Cable: TYCOR. **WEST GERMANY**—Tyler Refrigeration International, GmbH, Schwelm, Westfalen. **FRANCE**—Etablissements Bonnet, Division Bonnet-Tyler, 9 rue Grenette, Villefranche (Rhone). **AUSTRALIA**—Frigrite, Ltd., Graham St., West, Port Melbourne, Victoria.

Refrigerant-113

Ansul Chemical Co.
du Pont de Nemours & Co., Inc., E. I.
General Chemical Div.
Pennsalt Chemicals Corp.
Union Carbide Chemicals Co.
Virginia Chemicals & Smelting Co.

Refrigerant-114

American Potash & Chemical Corp.
Ansul Chemical Co.
du Pont de Nemours & Co., Inc., E. I.
General Chemical Div.
Pennsalt Chemicals Corp.
Union Carbide Chemicals Co.
Virginia Chemicals & Smelting Co.

Sulfur Dioxide

American Potash & Chemical Corp.
Ansul Chemical Co.
Dow Chemical Co.
Virginia Chemicals & Smelting Co.

Refrigerators & Freezers, Commercial

Bakery Freezers

Advanced Engineering Corp.
Armstrong Contracting & Supply Co.
Atlas Engineering Corp.
Baker Refrigerator Co.
Bally Case & Cooler, Inc.
Bangor Mill & Cooler Co.
Barron Products, Inc.
Belt-Ice Corp.
Bromann Bros., Inc.
Commercial Fixture Co., Inc.
Elliott-Williams Co.
Erickson Industries, Inc.
Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co.
Foster Refrigerator Corp.
Freezer Box Div.
Frigid Igloo Mfg. Corp.
Gem Refrigerator Co.
Gloekler Refrigerator Co.
Herrel & Sons, Inc., John
Herrick Refrigerator Co.
Hill & Co., Inc., C. V.
Howard Refrigerator Co., Inc.
Hussmann Refrigerator Co.
Jordon Commercial Refrigerator Co.
Koch Refrigerators, Inc.
Lingle Refrigerators, David A.
Manitowoc Equipment Works
McCall Refrigerator Corp.
McCray Refrigerator Co., Inc.
McQuay, Inc.
Moore & Hanks Co.
Mowat Refrigerator Co.
National Market Equipment Co., Inc.
Nor-Lake, Inc.
Peerless Equipment Corp.
Percival Refrigeration & Mfg. Co.
Pinnacle Equipment Corp.
Puffer-Hubbard Refrigerator Co.
Raetone Commercial Refrigerator Corp.
Recony Sales & Engineering Corp.
Room-Temp Lockers, Inc.
S & M Schwartz Co.
Schmidt Co., C.
Silver Refrigeration Mfg. Corp.
Simplex Refrigeration Corp.
Solar Systems, Inc.
Sterling Industries, Inc.
Taylor-Burch Refrigeration Products, Inc.
Traulsen & Co., Inc.
Tyler Refrigeration Corp.
Uniflow Mfg. Co.
Utility Refrigerator Co.
Vering, Inc.
Victory Metal Mfg. Corp.
Warren Co., Inc.
Weber Showcase & Fixture Co.
Wilson Div.
Zero Cold, Inc.

Biological and Medical Refrigerators

Acme National Refrigeration Co., Inc.
Armstrong Contracting & Supply Corp.
Baker Refrigerator Co.
Bangor Mill & Cooler Co.
Bar-Ray Products, Inc.
Bromann Bros., Inc.
Chicago Stock Yards Turbo Refrigerating Co.
Commercial Fixture Co., Inc.
Crescent Metal Products, Inc.
Erickson Industries, Inc.
Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co.
Foster Refrigerator Corp.
Freezer Box Div.
Frigid Igloo Mfg. Corp.
Gem Refrigerator Co.
Glo-Brite Foam Plastics, Inc.
Herrel & Sons, Inc., John
Herrick Refrigerator Co.
Industrial Refrigeration Co., Inc.
Jewett Refrigerator Co., Inc.
Jordon Commercial Refrigerator Co.
Koch Refrigerators, Inc.
Lern, Inc.
Linde Co.
Lingle Refrigerators, David A.
Loudon Mfg. & Sales, Inc.
Marvel Industries, Inc.
Master-Bilt Refrigeration Mfg. Co.
McCall Refrigerator Corp.
McCray Refrigerator Co., Inc.
Monitor Dispenser Co., Inc.
Moore & Hanks Co.
Mowat Refrigerator Co.
Nichols Refrigeration Co.
Nor-Lake, Inc.
Peerless Equipment Corp.
Percival Refrigeration & Mfg. Co.
Puffer-Hubbard Refrigerator Co.
Raetone Commercial Refrigerator Corp.
Revco, Inc.
Room-Temp Lockers, Inc.
Silver Refrigeration Mfg. Corp.
Simplex Refrigeration Corp.
Solar Systems, Inc.
Standard Cabinet Co., Inc.
Taylor-Burch Refrigeration Products, Inc.
Tyler Refrigeration Corp.
Tyson Metal Products, Inc.
Uniflow Mfg. Co.
Vering, Inc.
Victor Products Corp.
Victory Metal Mfg. Corp.
Warren Co., Inc.
Zero Cold, Inc.

Bottled Beverage Coolers

(C—Chest; R—Reach-In; W—Walk-In)

Advanced Engineering Corp. (W)
Armstrong Contracting & Supply Co. (R, W)
Baker Refrigerator Co. (R, W)
Bally Case & Cooler, Inc. (R, W)

(Continued)

(Continued)

Bangor Mill & Cooler Co. (R, W)
Barkow Mfg. Co., Inc., Aug. G. (R)
Barr Mfg. Co. (R, W)
Barron Products, Inc. (R, W)
Bevco Co., Inc. (C)
Beverage-Air Sales Co. (C)
Beverage Coolers, Inc. (C)
Bromann Bros., Inc. (R, W)
Brown Mfg. Co., Inc., K. G. (C, R, W)
Cavalier Corp., Appliance Div. (C)
Central Refrigeration Co. (R, W)
Coldin Cabinet Co., Inc. (R)
Commercial Fixture Co., Inc. (C, R, W)
Cornelius Co. (C, R)
Council Mfg. Corp. (W)
Dunhill Food Equipment Corp.
Erickson Industries, Inc. (R, W)
Esco Cabinet Co. (C, W)
Federal Refrigerator Mfg. Co. (C, R, W)
Fogel Refrigerator Co. (C, R, W)
Foster Refrigerator Corp. (C, R)
Freeze Eazy Industries (W)
Friedrich Refrigerators, Inc. (R, W)
Frigid Igloo Mfg. Corp. (R)
Gem Refrigerator Co. (R, W)
Glacier Mfg. Co. (C)
Glasco Corp. (C)
Gloekler Refrigerator Co. (W)
Herrel & Sons, Inc., John (R, W)
Herrick Refrigerator Co. (R, W)
Holderle Bros., Inc. (R)
Howard Refrigerator Co., Inc. (C, R, W)
Hussmann Refrigerator Co. (W)
Ideal Cooler Corp. (C, R, W)
Jewett Refrigerator Co., Inc. (R)
Jordon Commercial Refrigerator Co. (C, R, W)
Kari Kold Co. (C, R)
Koch Refrigerators, Inc. (R)
La Crosse Cooler Co. (C, R, W)
Leitner Equipment Co. (R)
Lingle Refrigerators, David A. (W)
Loudon Mfg. & Sales, Inc. (C, R, W)
McCray Refrigerator Co., Inc. (R, W)
Moore & Hanks Co. (W)
Mowat Refrigerator Co. (R, W)
National Market Equipment Co., Inc. (R, W)
New York Soda Fountain Co., Inc. (C, R)
Nolin Mfg. Co., Inc. (C, R, W)
Nor-Lake, Inc. (C, R, W)
Peerless Equipment Corp. (C)
Percival Refrigeration & Mfg. Co. (W)
Perlick Co., Inc. (C, R, W)
Pinnacle Equipment Corp. (C, R)
Puffer-Hubbard Refrigerator Co. (C, R, W)
Raetone Commercial Refrigerator Corp. (R)
Rapids Equipment Co., Inc. (C, R, W)
Room-Temp Lockers, Inc. (R, W)
S & M Schwartz Co. (R, W)
S & S Products, Inc. (R)
Schaefer, Inc. (C, R, W)
Schmidt Co., C. (R, W)
Sherer-Gillett Co. (C, R, W)
Silver Refrigeration Mfg. Corp. (R, W)
Solar Systems, Inc. (C, R, W)
Sterling Industries, Inc. (W)
Taylor-Burch Refrigeration Products, Inc. (R, W)
True Mfg. Co., Inc.
Tyler Refrigeration Corp. (C, R, W)
Tyson Metal Products, Inc. (C, R, W)
Uniflow Mfg. Co. (C, R, W)
United Friguator Engineers (R)
Universal Cabinet Div. (C)
Utility Refrigerator Co. (C, R, W)
Vendorlator Mfg. Co. (R)
Victor Products Corp. (C, W)
Victory Metal Mfg. Corp. (R)
Warren Co., Inc. (C, R, W)
Weber Showcase & Fixture Co. (R, W)
Zero Cold, Inc. (R, W)

Bulk Dispensers (Non-Coin Operated)

Amcoin Corp.
American Machine & Foundry Co., Lowerator Div.
Barron Products, Inc.
Council Mfg. Corp.
Dalkin Co., A.
Freez King Corp.
Glacier Mfg. Co.
Hudson Industries, Inc.
Monitor Dispenser Co., Inc.
Multiplex Co.
Quality Mfg. Co., Inc.
Selmix Dispensers, Inc.
Solar Systems, Inc.
Specialty Engineering Corp.
Starrett Corp.
Stevens-Lee Co.
Superior Refrigerator Mfg. Co., Inc.
Taylor-Burch Refrigeration Products, Inc.
Triple "AAA" Co.
United Friguator Engineers
United Refrigerator Co.

Display Cases

(A—Above Freezing; B—Below Freezing; C—Closed; M—Mobile; O—Open)

Ace Cabinet Corp. (A)
Bally Case & Cooler, Inc. (A, B, C, O)
Barkow Mfg. Co., Inc., Aug. G. (A, C)
Barr Mfg. Co.
Barron Products, Inc. (A, B, C, M)
Bastian-Blessing Co. (A, C)
Beverage-Air Sales Co. (A)
Bromann Bros., Inc. (A, C)
Coldin Cabinet Co., Inc. (A, C)
Dunhill Food Equipment Corp. (A, C)
Federal Refrigerator Mfg. Co. (A, B, C, O)
Fogel Refrigerator Co. (A, B, C, O)
Freeze Eazy Industries (B, O)
Friedrich Refrigerators, Inc. (A, B, C, M, O)
Frigid Igloo Mfg. Corp. (A, B, C, M, O)
Gem Refrigerator Co. (A, B, C, O)
Glasco Corp. (A)
Glo-Brite Foam Plastics, Inc. (B, C, M, O)
Gloekler Refrigerator Co. (A, C)
Hill & Co., Inc., C. V. (A, B, C, M, O)
Holderle Bros., Inc. (A, C, O)
Howard Refrigerator Co., Inc. (A, C)
Hussmann Refrigerator Co. (A, B, C, M, O)
Industrial Refrigeration Co., Inc. (B)
Jordon Commercial Refrigerator Co. (A, B, C, O)
Knight Corp., Stanley (A, C)
Leitner Equipment Co. (A, C)
Lern, Inc. (A)
Manitowoc Equipment Works (B)
Master Bilt Refrigeration Mfg. Co. (A, B, C, M, O)
McCray Refrigerator Co., Inc. (A, B, C, O)
Mohawk Cabinet Co., Inc. (B)
Mowat Refrigerator Co. (A, B, C, O)

(Continued)

From the largest to the smallest... and everything in between!

One complete source for quality, service and variety

Note: Special evaporators and condensers built to all industry specifications. Write for complete information.

Engineers and Manufacturers of Refrigeration and Environmental Equipment

Tenney
ENGINEERING, INC.

1090 SPRINGFIELD ROAD, UNION, NEW JERSEY • PLANTS: UNION, NEW JERSEY AND WILMINGTON, N. C.

(Continued)

National Market Equipment Co., Inc.
Nolin Mfg. Co., Inc. (A, B, C, O)
Nor-Lake, Inc. (A, B, C, M, O)
Peerless Equipment Corp. (A, B, M)
Percival Refrigeration & Mfg. Co. (A, B, C, M, O)
Perlick Co., Inc. (A)
Pinnacle Equipment Corp. (A, C)
Raetone Commercial Refrigerator Corp.
S & M Schwartz Co. (A, B, C, O)
S & R Soda Fountain Mfg. Co., Inc. (A)
Savage Ice Cream Cabinet Div. (B, C, M, O)
Schaefer, Inc. (A, B, O)
Schmidt Co., C. (A, B, C, O)
Sherer-Gillett Co. (A, B, C, O)
Sherman Associates, Inc., C. Q. (A, C)
Simplex Refrigeration Corp. (A, C)
Solar Systems, Inc. (A, B, C, M, O)
Star Cooler Corp. (A, B, M, O)
Starrett Corp. (A, B, C)
Taylor-Burch Refrigeration Products, Inc. (A, B, C)
Tyler Refrigeration Corp. (A, B, C)
Tyson Metal Products, Inc. (A)
Universal Cabinet Div. (A, B, C, O)
Victory Metal Mfg. Corp.
Warren Co., Inc. (A, B, C, M, O)
Weber Showcase & Fixture Co. (A, B, C, O)
Zero Cold, Inc. (A, C, O)

Dough Retarders

Advanced Engineering Corp.
Atlas Engineering Corp.
Baker Refrigerator Co.
Barr Mfg. Co.
Barron Products, Inc.
Bromann Bros., Inc.
Dunhill Food Equipment Corp.
Elliott-Williams Co.
Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co.
Foster Refrigerator Corp.
Freezer Box Div.
Frigid Igloo Mfg. Corp.
Gem Refrigerator Co.
Gloekler Refrigerator Co.
Herrel & Sons, Inc., John
Herrick Refrigerator Co.
Hill & Co., Inc., C. V.
Howard Refrigerator Co., Inc.
Jordon Commercial Refrigerator Co.
Koch Refrigerators, Inc.
Manitowoc Equipment Works
McCall Refrigerator Corp.
McCray Refrigerator Co., Inc.
Mowat Refrigerator Co.
Nor-Lake, Inc.
Peerless Equipment Corp.
Percival Refrigeration & Mfg. Co.
Pinnacle Equipment Corp.
Puffer-Hubbard Refrigerator Co.
Raetone Commercial Refrigerator Corp.
S & R Soda Fountain Mfg. Co., Inc.
Schmidt Co., C.
Sherer-Gillett Co.
Silver Refrigeration Mfg. Corp.
Simplex Refrigeration Corp.
Traulsen & Co., Inc.
Tyler Refrigeration Corp.
Tyson Metal Products, Inc.
Utility Refrigerator Co.
Vering, Inc.
Victory Metal Mfg. Corp.
Wilson Div.
Zero Cold, Inc.

Draft Beer Coolers

(I—Instantaneous; W—With Storage)

Beverage-Air Sales Co. (W)
Beverage Coolers, Inc. (I)
Bromann Bros., Inc.
Central Refrigeration Co.
Dunham-Bush, Inc. (I)
Fogel Refrigerator Co. (W)
Gem Refrigerator Co. (W)
Glacier Mfg. Co. (W)
Heat-X, Inc. (I)
Ideal Cooler Corp. (W)
Jordon Commercial Refrigerator Co. (W)
La Crosse Cooler Co. (W)
Mowat Refrigeration Co. (W)
New York Soda Fountain Co., Inc. (W)
Nolin Mfg. Co., Inc.
Nor-Lake, Inc. (W)
Perlick Co., Inc. (W)
Rapids Equipment Co., Inc. (W)
Sherer-Gillett Co. (W)
Solar Systems, Inc. (I, W)
Taylor-Burch Refrigeration Products, Inc. (W)
Temprite Products Corp. (I)
Tyson Metal Products, Inc.
Uniflow Mfg. Co. (I, W)
United Friguator Engineers (W)
Zero Cold, Inc. (W)

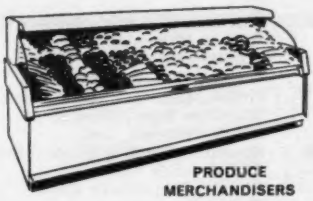
Egg Coolers

Advanced Engineering Corp.
Astro Products Corp.
Baker Refrigerator Co.
Barron Products, Inc.
Bromann Bros., Inc.
Central Refrigeration Co.
Commercial Fixture Co., Inc.
Council Mfg. Corp.
Dairy Equipment Co.
Erickson Industries, Inc.
Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co.
Freezer Box Div.
Frigid Igloo Mfg. Corp.
Gem Refrigerator Co.
Herrel & Sons, Inc., John
Ideal Cooler Corp.
Jordon Commercial Refrigerator Co.
La Crosse Cooler Co.
Lingle Refrigerators, David A.
Master-Bilt Refrigeration Mfg. Co.
McCray Refrigerator Co., Inc.
Moore & Hanks Co.
Mowat Refrigerator Co.
National Market Equipment Co., Inc.
Nichols Refrigeration Co.
Nolin Mfg. Co., Inc.
Nor-Lake, Inc.
Peerless Equipment Corp.
Percival Refrigeration & Mfg. Co.
Rapids Equipment Co., Inc.
Sherer-Gillett Co.
Solar Systems, Inc.
Starrett Corp.
Sterling Industries, Inc.
Taylor-Burch Refrigeration Products, Inc.
Uniflow Mfg. Co.
Victor Products Corp.
Warren Co., Inc.
Weber Showcase & Fixture Co., Inc.
Williams Refrigeration, Inc.
Zero Cold, Inc.

Florist Refrigerators

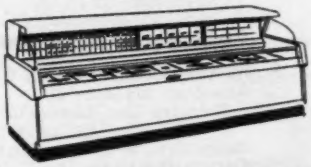
Ace Cabinet Corp.
Advanced Engineering Corp.
Baker Refrigerator Co.
Bally Case & Cooler, Inc.
Bangor Mill & Cooler Co.
Barr Mfg. Co.
Barron Products, Inc.
Bromann Bros., Inc.
Central Refrigeration Co.
Coldin Cabinet Co., Inc.
Commercial Fixture Co., Inc.
Council Mfg. Corp.
Elliott-Williams Co.
Erickson Industries, Inc.

(Continued)

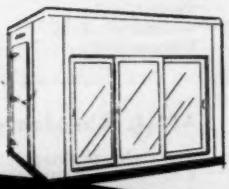


PRODUCE MERCHANDISERS

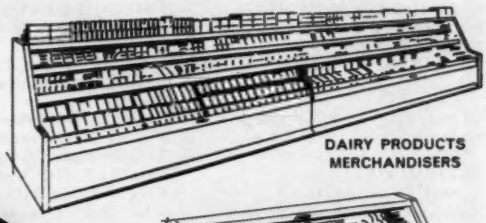
FROZEN FOOD & ICE CREAM MERCHANDISERS



STORAGE COOLERS (Plain and Sectional)



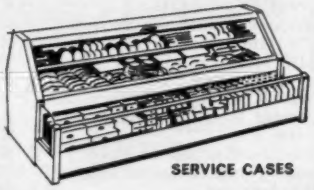
SERVICE DOOR COOLERS



DAIRY PRODUCTS MERCHANDISERS

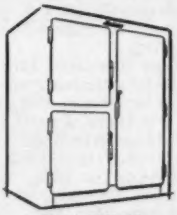
Reliable ways to Profit

- Quality Construction—*even where it can't be seen*
- Efficient Operation *saves money every day*
- Reduced maintenance *means fewer headaches, fewer unexpected expenses*

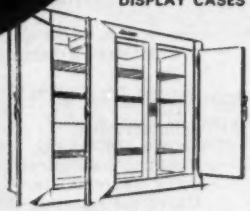


SERVICE CASES

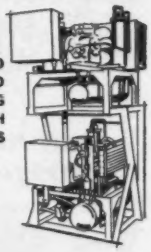
ISLAND DISPLAY CASES



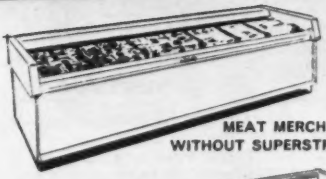
PASS-THRUS



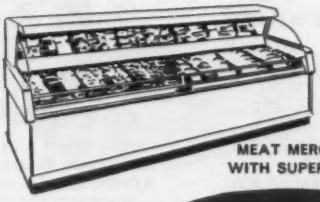
REACH-INS



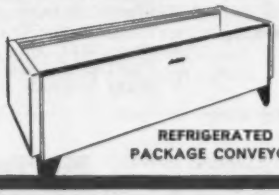
AIR AND WATER COOLED CONDENSING UNITS WITH K-FRAME RACKS



MEAT MERCHANDISERS WITHOUT SUPERSTRUCTURES



MEAT MERCHANDISERS WITH SUPERSTRUCTURES



REFRIGERATED PACKAGE CONVEYORS

70 Years of Leadership in Building Dependable Commercial Refrigerators and Display Cases

McCray KOLDFLO

McCray Refrigerator Co., Inc., 6202 McCray Court, Kendallville, Indiana

See complete addresses in Alphabetic Section, page 25

(Continued)

Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co.
Freeze Eazy Industries
Frigid Igloo Mfg. Corp.
Gem Refrigerator Co.
Gloekler Refrigerator Co.
Herrell & Sons, Inc., John
Herrick Refrigerator Co.
Ideal Cooler Corp.
Jordon Commercial Refrigerator Co.
Koch Refrigerators, Inc.
Leitner Equipment Co.
Lingle Refrigerators, David A.
Master-Bilt Refrigeration Mfg. Co.
McCall Refrigerator Corp.
McCray Refrigerator Co., Inc.
Moore & Hanks Co.
Mowat Refrigerator Co.
National Market Equipment Co., Inc.
Nolin Mfg. Co., Inc.
Nor-Lake, Inc.
Peerless Equipment Corp.
Percival Refrigeration & Mfg. Co.
Pinnacle Equipment Corp.
Room-Temp Lockers, Inc.
Schaefer, Inc.
Sherer-Gillett Co.
Silver Refrigeration Mfg. Corp.
Solar Systems, Inc.
Sterling Industries, Inc.
Taylor-Burch Refrigeration Products, Inc.
Uniflow Mfg. Co.
United Friguator Engineers
Vering, Inc.
Victor Products Corp.
Warren Co., Inc.
Weber Showcase & Fixture Co., Inc.
Williams Refrigeration, Inc.
Zero Cold, Inc.

Fur Storage Refrigerators

Advanced Engineering Corp.
Armstrong Contracting & Supply Co.
Baker Refrigerator Co.
Bally Case & Cooler, Inc.
Barron Products, Inc.
Bromann Bros., Inc.
Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co.
Haertel Co., Walter
Herrel & Sons, Inc., John
Jordon Commercial Refrigerator Co.
Moore & Hanks Co.
Mowat Refrigerator Co.
Nor-Lake, Inc.
Solar Systems, Inc.
Starrett Corp.
Taylor-Burch Refrigeration Products, Inc.
Warren Co., Inc.
Zero Cold, Inc.

Ice Cream Cases

Ace Cabinet Corp.
American Machine & Foundry Co., Lowerator Div.
Bally Case & Cooler, Inc.
Barron Products, Inc.
Bastian-Blessing Co.
Brown Mfg. Co., Inc.
Dean Products, Inc.
Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co.
Foster Refrigerator Corp.
Freeze Eazy Industries
Friedrich Refrigerators, Inc.
Frigid Igloo Mfg. Corp.
Gem Refrigerator Co.
Hill & Co., Inc., C. V.
Hussmann Refrigerator Co.
Jordon Commercial Refrigerator Co.
Kari Kold Co.
Kelvinator Div.
McCray Refrigerator Co., Inc.
Mohawk Cabinet Co., Inc.
National Market Equipment Co., Inc.
Nelson Mfg. Co., C.
New York Soda Fountain Co., Inc.
Nolin Mfg. Co., Inc.
Nor-Lake, Inc.
Peerless Equipment Corp.
Percival Refrigeration & Mfg. Co.
S & M Schwartz Co.
S & R Soda Fountain Mfg. Co., Inc.
Savage Ice Cream Cabinet Div.
Schaefer, Inc.
Sherer-Gillett Co.
Simplex Refrigeration Corp.
Solar Systems, Inc.
Universal Cabinet Div.
Weber Showcase & Fixture Co., Inc.

Milk Coolers, Bulk

Ace Cabinet Corp.
Advanced Engineering Corp.
American Machine & Foundry Co., Lowerator Div.
Armstrong Contracting & Supply Corp.
Blissfield Mfg. Co.
Coldin Cabinet Co., Inc.
Creamery Package Mfg. Co.
Dairy Equipment Co.
Dean Products, Inc.
Esco Cabinet Co.
Foster Refrigerator Corp.
Freezer Box Div.
Girton Mfg. Co.
Mueller Co., Paul
Nichols Refrigeration Co.
Nolin Mfg. Co., Inc.
Peerless Equipment Corp.
Solar Systems, Inc.
Steinhorst & Sons, Inc., Emil
Stevens-Lee Co.
Sunset Equipment Co.
Tyler Refrigeration Corp.
Vacooler Co.
Whirlpool Corp.
Wilson Div.

Milk Coolers, Can

Ace Cabinet Corp.
Advanced Engineering Corp.
Armstrong Contracting & Supply Corp.
Barron Products, Inc.
Beverage-Air Sales Co.
Dairy Equipment Co.
Dean Products, Inc.
Esco Cabinet Co.
Foster Refrigerator Corp.
Heat Controller, Inc.
Lingle Refrigerators, David A.
Master-Bilt Refrigeration Mfg. Co.
Monitor Dispenser Co., Inc.
Nichols Refrigeration Co.
Nolin Mfg. Co., Inc.
Peerless Equipment Corp.
Silver Refrigeration Mfg. Corp.
Solar Systems, Inc.
Star Cooler Corp.
Sterling Industries, Inc.
Sub-Zero Freezer Co., Inc.
Tyler Refrigeration Corp.
Tyson Metal Products, Inc.
Weber Showcase & Fixture Co.
Wilson Div.

Milk Coolers, Surface

Armstrong Contracting & Supply Corp.
Dean Products, Inc.
Foster Refrigerator Corp.
Ideal Cooler Corp.
Nolin Mfg. Co., Inc.
Peerless Equipment Corp.
Solar Systems, Inc.

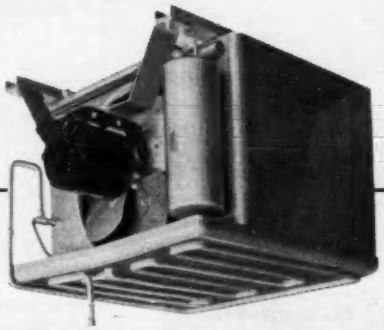
Mortuary Refrigerators

Baker Refrigerator Co.
Bally Case & Cooler, Inc.
Fogel Refrigerator Co.
Gloekler Refrigerator Co.
Herrel & Sons, Inc., John

(Continued)

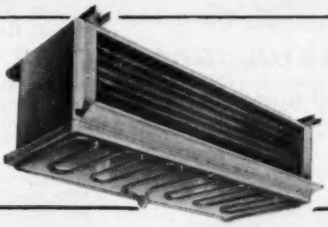
These fine unit coolers made by RECOLD

When it comes to commercial or industrial refrigeration there's a highly specialized and highly efficient RECOLD UNIT COOLER that does a specific job specifically well.

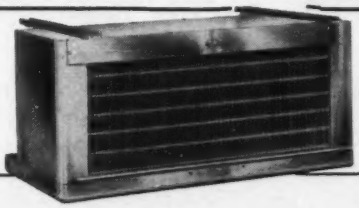


RECOLD "VAPOMATIC" COILS
An Engineering milestone. Instantaneous, automatic, vapor defrosting.

RECOLD "HUMID AIR" COILS
Make no mistake—there is no substitute for quality.



RECOLD "AMMONIA" COILS
Maximum versatility — recirculating, flooded or direct expansion ammonia units for temperatures above and below freezing with air, hot gas, or water defrosting.



RECOLD "WATER DEFROST" COILS
Automatic—rugged—dependable. Your workhorse for the industrial low-temperature application.

RECOLD "DELTA" COILS
Whether it's a corner, backwall or sidewall installation, "You can do it with Delta."

RECOLD
CORPORATION

7250 East Slauson Avenue, Los Angeles 22, California

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Herrick Refrigerator Co.
Howard Refrigerator Co., Inc.
Jewett Refrigerator Co., Inc.
Jordon Commercial Refrigerator Co.
Koch Refrigerators, Inc.
Lingle Refrigerators, David A.
Mowat Refrigerator Co.
Percival Refrigeration & Mfg. Co.
Puffer-Hubbard Refrigerator Co.
Schmidt Co., C.
Taylor-Burch Refrigeration Products, Inc.
Tyson Metal Products, Inc.
Vering, Inc.
Victor Products Corp.
Zero Cold, Inc.

Reach-In Refrigerators

(A—Above Freezing; B—Below Freezing)

Ace Cabinet Corp. (B)
Armstrong Contracting & Supply Corp. (A, B)
Baker Refrigerator Co. (A, B)
Baily Case & Cooler, Inc. (A, B)
Bangor Mill & Cooler Co.
Barkow Mfg. Co., Inc., Aug. G. (A)
Barr Mfg. Co. (A, B)
Barron Products, Inc. (A, B)
Bastian-Blessing Co. (A)
Bromann Bros., Inc. (A)
Brown Mfg. Co., Inc., K. G. (A, B)
Central Refrigeration Co. (A)
Coldin Cabinet Co., Inc. (A, B)
Commercial Fixture Co., Inc. (A, B)
Erickson Industries, Inc. (A, B)
Federal Refrigerator Mfg. Co. (A, B)
Fogel Refrigerator Co. (A, B)
Foster Refrigerator Corp. (A, B)
Friedrich Refrigerators, Inc. (A)
Frigid Igloo Mfg. Corp. (A, B)
Gem Refrigerator Co. (A, B)
Glasco Corp. (A)
Gloekler Refrigerator Co. (A, B)
Herrel & Sons, Inc., John (A, B)
Herrick Refrigerator Co. (A, B)
Hill & Co., Inc., C. V. (A, B)
Holderle Bros., Inc. (A)
Howard Refrigerator Co., Inc. (A, B)
Hussmann Refrigerator Co. (B)
Ideal Cooler Corp. (A)
Industrial Refrigeration Co., Inc. (B)
Jewett Refrigerator Co., Inc. (A)
Jordon Commercial Refrigerator Co. (A, B)
Koch Refrigerators, Inc. (A, B)
La Crosse Cooler Co. (A, B)
Leitner Equipment Co. (A, B)
Lingle Refrigerators, David A. (A, B)
Loudon Mfg. & Sales, Inc. (A, B)
McCall Refrigerator Corp. (A, B)
McCray Refrigerator Co., Inc. (A, B)
Mohawk Cabinet Co., Inc. (A)
Mowat Refrigerator Co. (A, B)
National Market Equipment Co., Inc.
New York Soda Fountain Co., Inc.
Nolin Mfg. Co., Inc. (A, B)
Nor-Lake, Inc. (A, B)
Peerless Equipment Corp. (A, B)
Percival Refrigeration & Mfg. Co. (A, B)
Perlick Co., Inc. (A)
Pinnacle Equipment Corp. (A)
Puffer-Hubbard Refrigerator Co. (A, B)
Raetone Commercial Refrigerator Corp.
Room-Temp Lockers, Inc. (A, B)
Savage Ice Cream Cabinet Div. (B)
Schaefer, Inc. (B)
Schmidt Co., C. (A, B)
Sherer-Gillett Co. (A, B)
Silver Refrigeration Mfg. Corp. (A, B)
Simplex Refrigeration Corp. (A, B)
Solar Systems, Inc. (A, B)
Steinhorst & Sons, Inc., Emil (B)
Sterling Industries, Inc. (B)
Sub-Zero Freezer Co., Inc. (A, B)
Traulsen & Co., Inc. (A)
Tyler Refrigeration Corp. (A, B)
Tyson Metal Products, Inc. (A, B)
Universal Cabinet Div. (B)
Utility Refrigerator Co. (A, B)
Vering, Inc. (A, B)
Victory Metal Mfg. Corp.
Warren Co., Inc. (A, B)
Weber Showcase & Fixture Co. (A, B)
Wilson Div. (A, B)
Zero Cold, Inc. (A, B)

Refrigeration Systems, Packaged

Acme Industries, Inc.
Alton Mfg. Co.
Astro Products Corp.
Atlas Engineering Corp.
Barron Products, Inc.
Beltz Engineering Laboratories
Burge Ice Machine Co.
Chicago Stock Yards Turbo Refrigerating Co.
Council Mfg. Corp.
Erickson Industries, Inc.
Frick Co.
Hupp International Div.
Koch Sons, Inc., George
Kohlenberger Engineering Corp.
Kold-Hold Div.
Kool-Rite Co.
Kramer Trenton Co.
Nor-Lake, Inc.
Perlick Co., Inc.
Precision Heat Exchanger Co., Inc.
Springer-Penguin, Inc.
Vilter Mfg. Corp.
Webber Mfg. Co., Inc.
York Div.

Unit Coolers

(B—Blower; G—Gravity)

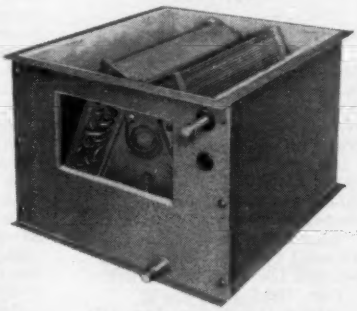
Advanced Engineering Corp. (B)
Astro Products Corp. (G)
Bangor Mill & Cooler Co.
Bohn Aluminum & Brass Corp., Danville Div. (B)
Brown Mfg. Co., Inc., K. G. (B)
Drayer-Hanson (B)
Dunham-Bush, Inc. (B, G)
Edwards Engineering Corp. (G)
Erickson Industries, Inc. (B)
Federal Refrigerator Mfg. Co. (B, G)
Fogel Refrigerator Co. (B, G)
Frick Co. (B, G)
Frigid Coil (B)
Frigid Igloo Mfg. Corp. (B, G)
Heat Exchangers, Inc. (B)
Hill & Co., Inc., C. V. (B, G)
Howe Ice Machine Co. (B, G)
Imeco, Inc. (B)
Jordon Commercial Refrigerator Co. (B)
King Co. (B)
Kramer Trenton Co. (B, G)
Larkin Coils, Inc. (B, G)
Martin Fan & Blower Co. (B)
Master-Bilt Refrigeration Mfg. Co.

(Continued)

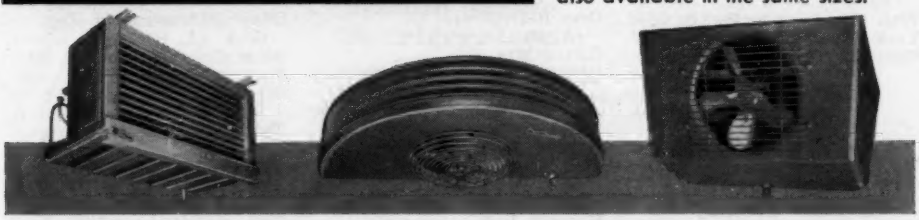
See complete addresses in Alphabetic Section, page 25

McQuay Means Quality

FOR EVERY REFRIGERATION OR AIR CONDITIONING NEED!...



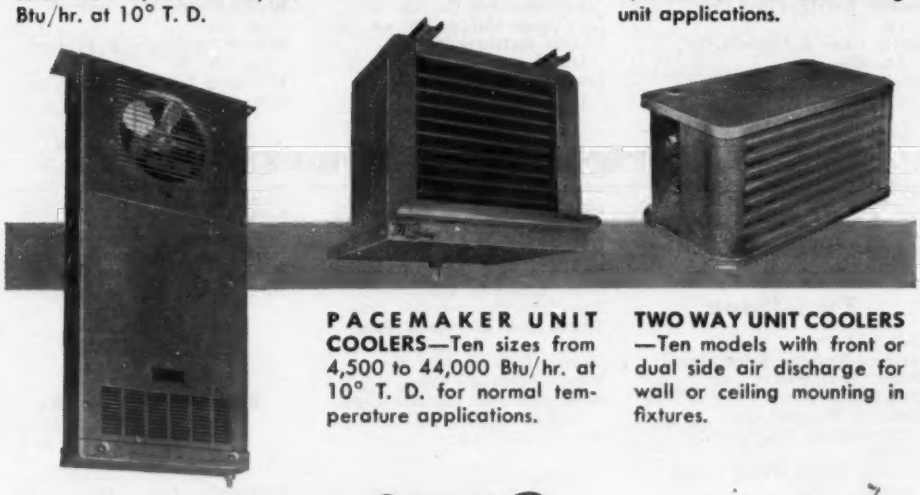
VERTICAL RESIDENTIAL EVAPORATOR—Five models from 2 to 7½ ton sizes. 24,800 to 92,100 Btu/hr. capacity. Horizontal style also available in the same sizes.



LOW TEMPERATURE UNIT COOLERS—For either electric or hot gas defrosting. 9 sizes from 3,000 to 32,000 Btu/hr. at 10° T. D.

RADIAL UNIT COOLERS Eight models from 2,600 to 14,000 Btu/hr. at 10° T. D.

SPACE MISER UNIT COOLERS—3 low and 5 normal temperature models for 1/5 to ¾ H. P. condensing unit applications.



PACEMAKER UNIT COOLERS—Ten sizes from 4,500 to 44,000 Btu/hr. at 10° T. D. for normal temperature applications.

TWO WAY UNIT COOLERS—Ten models with front or dual side air discharge for wall or ceiling mounting in fixtures.

MULLION UNIT COOLERS—Three low and 4 normal temperature models for refrigerators, back bars and under-counter fixtures.

McQuay INC.

AIR CONDITIONING • HEATING • REFRIGERATION
1600 Broadway N. E., Minneapolis 13, Minnesota

MAKE THE SEASONS COME TO YOU

(Continued)

McCray Refrigerator Co., Inc. (B)
McQuay, Inc. (B, G)
Niagara Blower Co. (B)
Nolin Mfg. Co., Inc. (B, G)
Nor-Lake, Inc. (B)
Peerless of America, Inc. (B, G)
Perlick Co., Inc.
Recold Corp. (B)
Refrigeration Appliances, Inc. (B, G)
Russell Coil Co. (B, G)
Savage Ice Cream Cabinet Div. (B)
Sterling Industries, Inc. (B)
Taylor-Burch Refrigeration Products, Inc. (B)
Tenney Engineering, Inc. (B)
Weber Showcase & Fixture Co. (B, G)
Wilson Engineering Corp. (B)
Witt Co., Inc., A. H. (B, G)
York Div. (B, G)
Zero Cold, Inc. (B, G)

Walk-In Coolers

(A—Above Freezing; B—Below Freezing)

Armstrong Contracting & Supply Corp. (A, B)
Atland Mfg. Co. (A, B)
Atlas Engineering Corp. (A, B)
Baker Refrigerator Co. (A, B)
Bally Case & Cooler, Inc. (A, B)
Bangor Mill & Cooler Co. (A, B)
Barr Mfg. Co. (A)
Barron Products, Inc. (A, B)
Bromann Bros., Inc. (A, B)
Brown Mfg. Co., Inc., K. G. (A, B)
Central Refrigeration Co. (A, B)
Commercial Fixture Co., Inc. (A, B)
Council Mfg. Corp. (A, B)
D & D Truck Refrigeration (A, B)
Elliott-Williams Co. (A, B)
Erickson Industries, Inc. (A, B)
Esco Cabinet Co. (A, B)
Federal Refrigerator Mfg. Co.
Fogel Refrigerator Co. (A, B)
Freeze Eazy Industries (A, B)
Freezer Box Div. (A, B)
Friedrich Refrigerators, Inc. (A, B)
Gem Refrigerator Co. (A, B)
Girton Mfg. Co.
Gloekler Refrigerator Co. (A, B)
Herrel & Sons, Inc., John (A, B)
Herrick Refrigerator Co. (A, B)
Hill & Co., Inc., C. V. (A, B)
Howard Refrigerator Co., Inc. (A, B)
Hussmann Refrigerator Co. (A, B)
Ideal Cooler Corp.
Jordon Commercial Refrigerator Co. (A, B)
La Crosse Cooler Co. (A, B)
Lingle Refrigerators, David A. (A)
Loudon Mfg. & Sales, Inc. (A, B)
McCall Refrigerator Corp. (A, B)
McCray Refrigerator Co., Inc. (A, B)
Moore & Hanks Co.
Mowat Refrigerator Co.
National Market Equipment Co., Inc.
Nolin Mfg. Co., Inc. (A, B)
Nor-Lake, Inc. (A, B)
Percival Refrigeration & Mfg. Co. (A, B)
Perlick Co., Inc. (A)
Rapids Equipment Co., Inc. (A, B)
Recony Sales & Engineering Corp. (A, B)
Room-Temp Lockers, Inc. (A, B)
S & M Schwartz Co. (A, B)
Savage Ice Cream Cabinet Div. (A, B)
Schaefer, Inc. (A, B)
Schmidt Co., C. (A, B)
Sherer-Gillett Co. (A, B)
Silver Refrigeration Mfg. Corp. (A, B)
Solar Systems, Inc. (A, B)
Starrett Corp. (A, B)
Sterling Industries, Inc. (A, B)
Tyler Refrigeration Corp. (A, B)
Tyson Metal Products, Inc. (A, B)
Uniflow Mfg. Co. (A, B)
Universal Cabinet Div. (A, B)
Utility Refrigerator Co. (A)
Vering, Inc. (A, B)
Victor Products Corp. (A, B)
Warren Co., Inc. (A, B)
Webber Mfg. Co., Inc. (A, B)
Weber Showcase & Fixture Co. (A, B)
Williams Refrigeration, Inc.
Zero Cold, Inc. (A, B)

Refrigerators, Domestic

Combination Refrigerator-Freezer, Two-Door

Admiral Corp.
Amana Refrigeration, Inc.
Fogel Refrigerator Co.
Frigidaire Div.
General Electric Co., Household Refrigerator Dept.
Gibson Refrigerator Sales Corp.
Hotpoint Div.
Hupp International Div.
Jordon Commercial Refrigerator Co.
Loudon Mfg. & Sales, Inc.
Manitowoc Equipment Works
Norge Div.
Peerless Equipment Corp.
Preway, Inc.
Quicfrez, Inc.
Ranney Refrigerator Co.
Revco, Inc.
Solar Systems, Inc.
Sub-Zero Freezer Co., Inc.
Thermador Electrical Mfg. Co.
United Refrigerator Co.
Victor Products Corp.
Westinghouse Electric Corp., Major Appliance Div.
Whirlpool Corp.

Combination Refrigerator-Range-Sink

Acme National Refrigeration Co., Inc.
Davis Products Co.
Dwyer Products Corp.
Jordon Commercial Refrigerator Co.
King Refrigerator Corp.
Solar Systems, Inc.

Electric Refrigerators, Less Than 4 Cu. Ft.

Bernz Co., Inc., Otto
Beverage-Air Sales Co.
Davis Products Co.
Dwyer Products Corp.
Erickson Industries, Inc.
Monitor Dispenser Co., Inc.
Morphy-Richards, Inc.

(Continued)

(Continued)

Solar Systems, Inc.
Springer-Penguin, Inc.
United Refrigerator Co.

Electric Refrigerators, 4 Cu. Ft. and Larger

Acme National Refrigeration Co., Inc.
Admiral Corp.
Amana Refrigeration, Inc.
Coldin Cabinet Co., Inc.
Davis Products Co.
Dwyer Products Corp.
Fogel Refrigerator Co.
General Electric Co., Household Refrigerator Dept.
Gibson Refrigerator Sales Corp.
Glasco Corp.
Hupp International Div.
Jordon Commercial Refrigerator Co.
King Refrigerator Corp.
Loudon Mfg. & Sales, Inc.
Marvel Industries, Inc.
Perlick Co., Inc.
Philco Corp.
Quicfrez, Inc.
Revco, Inc.
Solar Systems, Inc.
Westinghouse Electric Corp., Major Appliance Div.
Whirlpool Corp.

Gas Refrigerators

Bernz Co., Inc., Otto
Morphy-Richards, Inc.
Norcold, Inc.
Norge Div.
Quicfrez, Inc.
Whirlpool Corp.

Mobile Home Refrigerators

Acme National Refrigeration Co.
Bernz Co., Inc., Otto
Davis Products Co.
Erickson Industries, Inc.
General Electric Co., Household Refrigerator Dept.
Marvel Industries, Inc.
Monitor Dispenser Co., Inc.
Morphy-Richards, Inc.
Norcold, Inc.
Quicfrez, Inc.
Solar Systems, Inc.
Whirlpool Corp.

Refrigerators, Portable

Bernz Co., Inc., Otto
Beverage-Air Sales Co.
Crescent Metal Products, Inc.
Erickson Industries, Inc.
Glo-Brite Foam Plastics, Inc.
Loudon Mfg. & Sales, Inc.
Marvel Industries, Inc.
Morphy-Richards, Inc.
Norcold, Inc.
Solar Systems, Inc.
Springer-Penguin, Inc.
United Refrigerator Co.

Refrigerators, Industrial

Coolant Coolers

(R—Remote; S—Self-Contained)

Acme Industries, Inc. (R, S)
American Astro-Systems, Inc.
Atlas Engineering Corp.
Baltimore Aircoil Co., Inc.
Burge Ice Machine Co. (R, S)
Chicago Stock Yards Turbo Refrigerating Co. (S)
Cincinnati Sub Zero Products, Inc. (R, S)
Coldin Cabinet Co., Inc. (R, S)
Dunham-Bush, Inc. (R)
Filtrine Mfg. Co. (R, S)
Fogel Refrigerator Co.
Frostrode Div. (S)
Glo-Brite Foam Plastics, Inc. (S)
Great Lakes Mfg. Corp. (R, S)
Heat-X, Inc. (S)
Industrial Refrigeration Co., Inc. (R, S)
Jordon Commercial Refrigerator Co. (R, S)
Koch Sons, Inc., George
Kohlenberger Engineering Corp.
Kol-Flo Corp. (R, S)
McQuay, Inc. (R)
Patterson-Kelley Co., Inc.
Precision Heat Exchanger Co., Inc. (R, S)
Remcor Products Co. (S)
Solar Systems, Inc. (R, S)
Temprite Products Corp. (R)
Thermal Engineering Corp. (R)
Trane Co. (R)
Vilter Mfg. Corp.
Webber Mfg. Co., Inc. (R, S)
York Div. (R, S)
Yula Corp.

Environmental Test Equipment

American Astro-Systems, Inc.
American Research Corp.
Atlas Engineering Corp.
Burge Ice Machine Co.
Chicago Stock Yards Turbo Refrigerating Co.
Cincinnati Sub Zero Products
Conrad, Inc.
D & D Truck Refrigeration
Dean Products, Inc.
Enviro Equipment Corp.
Everlast Refrigeration Co.
Gem Refrigerator Co.
Glo-Brite Foam Plastics, Inc.
Gloekler Refrigerator Co.
Harris Mfg. Co., Inc.
Industrial Refrigeration Co., Inc.
Koch Sons, Inc., George
Kohlenberger Engineering Corp.
Liquid Carbonic Div.
Moore & Hanks Co.
Mowat Refrigerator Co.
Niagara Blower Co.
Nichols Refrigeration Co.
Percival Refrigeration & Mfg. Co.
Revco, Inc.
Sherer-Gillett Co.
Solar Systems, Inc.
Standard Cabinet Co., Inc.
Stokes Corp., F. J.
Supreme-Aire Mfg. Co., Inc.
Tenney Engineering, Inc.
Victor Products Corp.
Webber Mfg. Co., Inc.

Instantaneous Liquid Coolers

Acme Industries, Inc.
Atlas Engineering Corp.
Bar-Ray Products, Inc.
Chicago Stock Yards Turbo Refrigerating Co.
Conrad, Inc.
D & D Truck Refrigeration
Dunham-Bush, Inc.
Heat-X, Inc.
Industrial Refrigeration Co., Inc.

(Continued)

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Koch Sons, Inc., George
Kol-Flo Corp.
Precision Heat Exchanger Co., Inc.
Remcor Products Co.
Temprite Products Corp.

Photographic & X-Ray Cooling Units

Acme Industries, Inc.
Bar-Ray Products, Inc.
Dunham-Bush, Inc.
Filtrine Mfg. Co.
Industrial Refrigeration Co., Inc.
Koch Sons, Inc., George
Powers Regulator Co.
Remcor Products Co.
Silver Refrigeration Mfg. Corp.
Solar Systems, Inc.
Temprite Products Corp.

Rivet Coolers

Atlas Engineering Corp.
Chase Industries, Inc.
Cincinnati Sub Zero Products, Inc.
Gem Refrigerator Co.
Gloekler Refrigerator Co.
Koch Sons, Inc., George
Nichols Refrigeration Co.
Revco, Inc.
Room-Temp Lockers, Inc.
Silver Refrigeration Mfg. Corp.
Webber Mfg. Co., Inc.
Zero Cold, Inc.

Refrigerators, Transport

Automobile Refrigerators

Glo-Brite Foam Plastics, Inc.

Railroad Car Refrigerators

Carrier Air Conditioning Co.
Thermo King Corp.
Trane Co.
York Div.

Refrigerated Hold-Over Truck Cabinets

Crescent Metal Products, Inc.
Dole Refrigerating Co.
Hill & Co., Inc., C. V.
Kari-Kold Co.
Solar Systems, Inc.
Star Cooler Corp.
Universal Cabinet Div.
Victor Products Corp.

Refrigerated Hold-Over Truck Evaporators

Dole Refrigerating Co.
Kold-Hold Div.

Refrigerators, Battery Operated For Boats and Travel Trailers

Sprague Engineering Corp.

Truck & Trailer Refrigerators

American Astro-Systems, Inc.
Arctic Traveler
Brunner Div.
Conrad, Inc.
D & D Truck Refrigeration
Dole Refrigerating Co.
Dunham-Bush, Inc.
Hackney Bros. Body Co.
Linde Co.
Master-Bilt Refrigeration Mfg. Co.
Solar Systems, Inc.
Sumner Industries, Inc.
Thermo King Corp.
Transicold Corp.
Transportation Cooling Div.
Worthington Corp.
York Div.

Truck & Trailer Bodies, Refrigerated

Allegheny Body Co., Inc.
Batavia Body Co.
D & D Truck Refrigeration
Divco Truck Div.
General Equipment Mfg. & Sales, Inc.
Hackney Bros. Body Co.
Haskelite Mfg. Div.
Hupp International Div.
Mid West Body & Mfg. Co.
Schnabel Co., Inc.
Solar Systems, Inc.
Trane Co.

Regulators, Gas

Controls Co. of America, Heating & Air Conditioning Div.
Maxitrol Co.

Relays, Electric

Allen-Bradley Co.
American Instrument Co., Inc.
American Machine & Foundry Co., Lowerator Div.
Arrow-Hart & Hegeman Electric Co.
Cornell-Dubilier Electronics Div.
Cutler-Hammer, Inc.
Danfoss, Inc.
Daystrom, Inc.
Furnas Electric Co.
G M Mfg. Co.
General Controls Co.
General Electric Co.
McCorkle Co., D. H.
Minneapolis-Honeywell Regulator Co.
Potter & Brumfield
R-B-M Controls Div.
Riverside Electrical Mfg. Co.
Schrack Electrical Sales Corp.
Thermal Controls, Inc.
Ward Leonard Electric Co.
Westinghouse Electric Corp.
Wheelock Signals, Inc.

Relays, Pneumatic

Cutler-Hammer, Inc.
Leslie Co.
Minneapolis-Honeywell Regulator Co.
Powers Regulator Co.
Republic Flow Meters Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Westinghouse Electric Corp.

Return Bends

Dawson Metal Products
Elkhart Products Corp.

(Continued)

(Continued)

Frick Co.
Hill, Inc., Walter P.
Mueller Brass Co.

Rods, Compressor

Frick Co.
Gould-National Batteries, Inc., Engine Parts Div.
Sealed Unit Parts Co., Inc.
Tennessee Erector Service Co.
Trane Co.
Transue & Williams Steel Forging Corp.
Warriner Hermetics, Inc.

Roof Cooling Systems

Ruppright's Rotary Roof Cooler
Supreme-Aire Mfg. Co., Inc.
Swartwout Fabricators, Inc.
Worthington Corp.

Roof Exhausters, Power

Air Conditioning Engineering Co.
American Coolair Corp.
Breidert Co., G. C.
Burt Mfg. Co.
Carnes Corp.
Davidson Fan Co.
Gallaher Co.
Genie-Air
Greenheck Fan & Ventilator Corp.
Higgins Metal Products Co.
Ilg Electric Ventilating Co.
Jenn Air Products Co., Inc.
Martin Fan & Blower Co.
Octagon Ventilator Mfg. Co.
Rich Fan Mfg. Co., Inc., Phil
Robbins & Meyers, Inc.
South Bend Air Products, Inc.
Trane Co.
Triangle Engineering Co.
Ventco, Inc.
Walker Mfg. & Sales Corp.
Worthington Corp.

Roof Ventilators

Air Conditioning Engineering Co.
American Coolair Corp.
Breidert Co., G. C.
Burt Mfg. Co.
Carnes Corp.
Genie-Air
Greenheck Fan & Ventilator Corp.
Higgins Metal Products Co.
Hirschman-Pohle Co., Inc.
Ilg Electric Ventilating Co.
Inland Steel Products Co.
Jenn Air Products Co., Inc.
Martin Fan & Blower Co.
Octagon Ventilator Mfg. Co.
Robbins & Meyers, Inc.
Swartwout Fabricators, Inc.
Trane Co.
Triangle Engineering Co.
Ventco, Inc.
Worthington Corp.

Rubber Parts

(E—Extruded; M—Molded)

Anchor Packing Co. (E, M)
Capac Mfg. Corp. (M)
Gates Rubber Co. (E, M)
Geauga Industries Co. (E, M)
General Tire & Rubber Co. (E, M)
Goodrich Industrial Products Co., B. F. (E, M)
Goodyear Tire & Rubber Co. (E, M)
Houghton & Co., E. F. (M)
Johnson Rubber Co. (E, M)
MB Electronics Div. (M)
Minisink Rubber Co., Inc. (E, M)
P-G Products Mfg. Co., Inc.
Raybestos-Manhattan, Inc. (E, M)
Sheller Mfg. Corp. (E, M)
Syracuse Rubber Products Co., Inc. (M)
Unilectric, Inc. (M)
United States Rubber Co.
Vibration Mountings & Controls, Inc. (E, M)

Screens, Sun Reflecting

Reflectal Corp.

Sealing Compounds

Airserco Mfg. Co.
Cain Mfg., Inc.
Highside Chemicals Inc.
Lake Chemical Co.
Miracle Adhesives Corp.
Parker Fittings & Hose Div.
Parr Paint & Color Co.
Permatex Co., Inc.
Presstite Div.
Sunshine Chemical Co., Inc., John
Tremco Mfg. Co.
United States Rubber Co.
Virginia Chemicals & Smelting Co.
West Chester Chemical Co.
Wilson, Inc., Grant

Services

Compressor Repair or Rebuild

Bonded Hermetic Re-Mfg. Co., Inc.
Carrier Air Conditioning Co.
Carsco
Dersch, Gesswein & Neuert, Inc.
Elliott Co.
Engineering Research Associates
Frick Co.
General Machine & Mfg. Co.
Nord Hermetic Co.
Paxton-Mitchell Co.
Ready-Power Co.
Reliance Refrigerating Machine Co., Inc.
Sealed Units, Inc.
Superior Refrigerator Mfg. Co., Inc.
Trane Co.
Trico Compressor Service
Warriner Hermetics, Inc.
Westinghouse Electric Corp., Air Conditioning Div.
Wholesale Hermetic Compressor Exchange, Inc.

Control Repair

Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co.
Ranco Inc.
United Electric Controls Co.

Design Engineering Services for Manufacturers

(H—Heating; R—Refrigeration; V—Ventilating)

Airserco Mfg. Co.
American Coolair Corp. (V)
Astro Products Corp. (R)
Columbia Research & Development Corp. (R)
Drying Systems Co.
Eagle Machine & Tool Co.

(Continued)

See complete addresses in Alphabetic Section, page 25

(Continued)

Eaton Mfg. Co., Heater Div.
Ferro Corp. (R)
Frick Co. (R)
Hill, Inc., Walter P. (R)
Ingersoll-Rand Co.
Jamison Cold Storage Door Co.
Kenmore Machine Products, Inc. (R)
Koch Sons, Inc., George (H, R, V)
Materials Electronic Products Corp.
McCorkle Co., D. H. (H)
Prototype Engineering Corp. (H, R, V)
Refrigeration Appliances, Inc.
Republic Flow Meters Co.
Rock Island Register Co. (H, V)
Rudy Mfg. Co. (R)
Sealed Units, Inc. (H, R)
Solar Systems, Inc. (H, R, V)
South Bend Air Products, Inc. (V)
Squires Co., C. E. (H)
Steinhorst & Sons, Inc., Emil (H, R, V)
Torrington Mfg. Co.
United Electric Controls Co.
Wayne Home Equipment Co., Inc. (H)
Wiegand Co., E. L. (H)
York-Shipley, Inc. (H)

Hermetic Compressor Rebuilders

Carsco
Engineering Research Associates
General Machine & Mfg. Co.
Hermetics, Inc.
Irving Valve Plates, Bill
Nord Hermetic Co.
Sealed Unit Parts Co., Inc.
Trane Co.
Warriner Hermetics, Inc.
Westinghouse Electric Corp., Air Conditioning Div.

Plastic Molding Services

Amos Molded Plastics
Garlock, Inc.
Goodyear Tire & Rubber Co.
Industrial Devices, Inc.
Lancaster Glass Corp.
St. Regis Paper Co., Panelyte Div.

Pricing Services

R.A.C. Price Reporter Co.

Refrigerator Rebuilding

Solar Systems, Inc.

Relay Repair

Minneapolis-Honeywell Regulator Co.
Schrack Electrical Sales Corp.
Superior Refrigerator Mfg. Co., Inc.

Testing Laboratories

Chemicator Div.
Colonial Alloys Co.
Drying Systems Co.
Electrical Testing Laboratories, Inc.
Frick Co.
Nalco Chemical Co.
Prototype Engineering Corp.
Ready-Power Co.
Solar Systems, Inc.

(Continued)

The World's Most Diversified Independent Laboratory.

UNITED STATES TESTING CO. INC.

FINAL PERFORMANCE AND RATING TESTS OF AIR CONDITIONING, REFRIGERATION UNITS — SYSTEMS

Send for free bulletin 1760

Including tests in accordance with:
ASHRAE . . . ARI . . . ASA . . . NEMA . . . NAFM . . . ASTM . . . AWMA . . . AFI . . . Specifications

United States Testing Co., Inc.
1415 Park Avenue, Hoboken, N. J.

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INDEPENDENT LABORATORY TESTING SERVICES—SINCE 1934

To The Air Conditioning Industry and its Suppliers...

EQUIPMENT TYPES	TEST METHOD	TEST CAPABILITY	SPECIFICATIONS & STANDARDS
• ROOM UNITS, including Heat Pump Operated	CALORIMETRIC	36,000 Btu/hr. Heating or Cooling To 0° F Outdoor Side	ASHRAE 16-56R NEMA CN-1
• UNITARY, including Heat Pump Operated	CALORIMETRIC or PSYCHROMETRIC	36,000 Btu/hr. Heating or Cooling To 0° F Outdoor Side	ASHRAE 37-60 ASHRAE 39-61 ARI 210-58 ARI 250-58 ARI 240-61
• UNITARY	PSYCHROMETRIC	135,000 Btu/hr. Cooling only	ASHRAE 37-60 ARI 210-58 ARI 250-58
• REFRIGERATORS and FREEZERS	_____	8 Units at a time, automatically programmed	ASA B-38.1 ASA B-38.2 ASA B-38.3 NEMA HRF 1-1961
• HUMIDIFIERS	_____	_____	_____
• DEHUMIDIFIERS	_____	_____	NEMA DHI-1958
• WATER COOLERS	_____	_____	ASRE 18-56 ARI 1010-58
• AIR FILTERS Unit and Panel Types	AFI NBS	_____ _____	AFI Sect. 1 _____

• ENVIRONMENTAL and OTHER TESTS TO MILITARY and FEDERAL SPECIFICATIONS

• POWER SOURCES—DC or AC at any commercial frequency or voltage, single or three phase—3 or 4 wire.

Member

It pays to KNOW by ETL TEST

Write for ETL Bulletin 101
"A Listing of Services and Facilities"

ELECTRICAL TESTING LABORATORIES, INC.

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PHYSICAL • MECHANICAL • ENVIRONMENTAL

TESTING • INSPECTION
CERTIFICATION

INCLUDING INFRARED SPECTROSCOPY, PHOTOMETRY, RADIOMETRY, SPECTROPHOTOMETRY AND PHOTOMICROGRAPHY

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Torrington Mfg. Co.
United States Testing Co., Inc.
Vulcan Laboratories
Water Service Laboratories, Inc.
Wayne Home Equipment Co., Inc.
Western Supply Co., Mfg. Div.

Tube Spinning, Bending and Fabricating

American Tube & Controls, Inc.
Astro Products Corp.
Avon Tube Div.
Bundy Tubing Co.
Elkhart Products Corp.
H & H Tube & Mfg. Co.
Heat Exchangers, Inc.
Hi-Mill Mfg. Co.
Hill, Inc., Walter P.
Lewin-Mathes Co.
Mueller Brass Co.
National Tube Forming, Inc.
Refrigeration Research, Inc.
Rochester Products Div.
Rome Turney Radiator Co.
Tube Form Control, Inc.
Wabash Corp.
Western Supply Co., Mfg. Div.
Wolverine Tube

Vacuum Pump Repair

Airserco Mfg. Co.
Beach-Russ Co.
Consolidated Vacuum Corp.

Water Treatment Service

Anderson Chemical Co.
Aquatrol Laboratories, Inc.
Calgon Co.
Chemicator Div.
Deady Chemical Co.
Dehydrosal Systems, Inc.
Evis Mfg. Co.
Haering & Co., Inc., D. W.
Ionac Chemical Co.
IPCO Laboratories, Inc.
Metropolitan Refining Co., Inc.
Nalco Chemical Co.
Permutit Co.
R. I. Humidifiers & Vent Co., Inc.
Rathbun Co.
Virginia Chemicals & Smelting Co.
Wallace & Tiernan, Inc.
Water Service Laboratories, Inc.

Shaft Seals, Compressor

Chicago Valve Plate & Seal Co.
Crane Packing Co.
Elliott Co.
Frick Co.
Garlock, Inc.
Houghton & Co., E. F.
Ingersoll-Rand Co.
National Carbon Co.
Ohio Carbon Co.
Parker Seal Co.
Rotary Seal Div.

Shafts

Capitol Machine Co.
Dick Co., Inc., R. & J.
Eagle Machine & Tool Co.
Frick Co.
Modern Machine Works, Inc.
Ryerson & Son, Inc., Joseph T.

Sheaves

Barke Products, Inc.
Bush Mfg. Co.
Capitol Machine Co.
Congress Drives Div.
Dick Co., Inc., R. & J.
Dodge Mfg. Corp.
Frick Co.
Gates Rubber Co.
Maurey Mfg. Corp.
Raybestos-Manhattan, Inc.
Worthington Corp.

Sheet Metal, Alloy

Brown Mfg. Co., Inc., K. G.
Chase Brass & Copper Co.
Colonial Alloys Co.
Crucible Steel Co. of America
Engelhard Industries, Inc.
Higgins Metal Products Co.
Jones & Laughlin Steel Corp.
Moncrief-Lenoir Mfg. Co.
National Tube Div.
Revere Copper & Brass, Inc.
Steinhorst & Sons, Inc., Emil
U. S. Steel Supply Div.

Sheet Metal, Aluminum

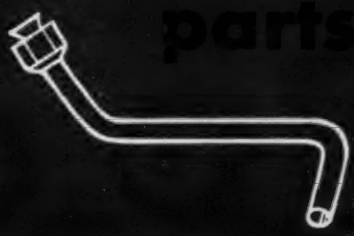
Aluminum Co. of America
Anaconda Aluminum Co.
Astro Products Corp.
Bridgeport Brass Co.
Brown Mfg. Co., Inc., K. G.
Chase Brass & Copper Co.
Colonial Alloys Co.
Fairmont Aluminum Co.
Fromson Orban Co., Inc.
Higgins Metal Products Co.
Lingle Refrigerators, David A.
Moncrief-Lenoir Mfg. Co.
Revere Copper & Brass, Inc.
Reynolds Metals Co.

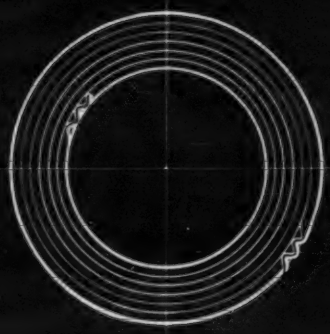
(Continued)

★ REFRIGERATOR COMPRESSOR
Replacement Units
AVAILABLE AT ALL LEADING JOBBERS . . . in a wide range of sizes for Commercial, Semi-Commercial, Air Conditioning and Home Refrigerators. Easy to install...economical.

ROTARY SEAL DIVISION
MUSKEGON PISTON RING CO., SPARTA, MICH.

30 years of satisfaction in brass and copper tubing and parts





H & H supplies tubing and parts for:

AIR CONDITIONERS,
home, office, store, factory

Window units Wall units
Floor units Central systems

AIR CONDITIONERS,
automotive

Factory installed units
After-the-sale installations

REFRIGERATING EQUIPMENT,
mobile, stationary

Commercial vehicles Dairies
Packing houses Food markets
Flower shops Farms

RADIANT HEATING SYSTEMS,
home, office, store, factory

Floor, Ceiling and Wall type

H & H TUBE AND MANUFACTURING CO.

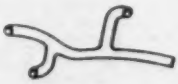
271 North Forman Avenue, Detroit 17, Michigan • Offices from Coast to Coast

SEAMLESS

LOCKSEAM

COIL STRIP

STRAIGHT AND COILED TUBE



TUBULAR PARTS

(Continued)

Rolled Steel Corp.
Ryerson & Son, Inc., Joseph T.
Scovill Mfg. Co.
U. S. Steel Supply Div.

Sheet Metal, Brass

Anaconda American Brass Co.
Bridgeport Brass Co.
Brown Mfg. Co., Inc., K. G.
Chase Brass & Copper Co.
Colonial Alloys Co.
Fromson Orban Co., Inc.
Moncrief-Lenoir Mfg. Co.
Revere Copper & Brass, Inc.
Scovill Mfg. Co.

Sheet Metal, Coated

Armco Div.
Great Western Steel Co.
Higgins Metal Products Co.
International Heater Co.
Moncrief-Lenoir Mfg. Co.
Revere Copper & Brass, Inc.
U. S. Steel Supply Div.
Weirton Steel Co.

Sheet Metal, Copper

Anaconda American Brass Co.
Astro Products Corp.
Bridgeport Brass Co.
Chase Brass & Copper Co.
Colonial Alloys Co.
Fromson Orban Co., Inc.
Inland Steel Products Co.
Lingle Refrigerators, David A.
Moncrief-Lenoir Mfg. Co.
Revere Copper & Brass, Inc.
Scovill Mfg. Co.

Sheet Metal, Galvanized

Armco Div.
Astro Products Corp.
Bethlehem Steel Co.
Brown Mfg. Co., Inc., K. G.
Great Western Steel Co.
Higgins Metal Products Co.
Inland Steel Co.
Inland Steel Products Co.
International Heater Co.
Jones & Laughlin Steel Corp.
Lingle Refrigerators, David A.
Moncrief-Lenoir Mfg. Co.
Republic Steel Corp.
Rock Island Register Co.
Rolled Steel Corp.
Ryerson & Son, Inc., Joseph T.
Steinhorst & Sons, Inc., Emil
U. S. Steel Supply Div.
Weirton Steel Co.

Sheet Metal, Stainless Steel

Allegheny Ludlum Steel Corp.
American Machine & Foundry Co., Lowerator Div.
Armco Div.
Astro Products Corp.
Bridgeport Brass Co.
Chase Brass & Copper Co.
Colonial Alloys Co.
Crucible Steel Co. of America
Eastern Stainless Steel Corp.
Engelhard Industries, Inc.
Higgins Metal Products Co.
International Heater Co.
Jones & Laughlin Steel Corp.
Lingle Refrigerators, David A.
Moncrief-Lenoir Mfg. Co.
National Tube Div.
Republic Steel Corp.
Rolled Steel Corp.
Ryerson & Son, Inc., Joseph T.
Steinhorst & Sons, Inc., Emil
U. S. Steel Supply Div.

Sheet Metal, Steel

American Machine & Foundry Co., Lowerator Div.
Armco Div.
Astro Products Corp.
Bernard Franklin Co., Inc.
Bethlehem Steel Co.
Brown Mfg. Co., Inc., K. G.
Colonial Alloys Co.
Crucible Steel Co. of America
Great Western Steel Co.
Higgins Metal Products Co.
Inland Steel Co.
International Heater Co.
Jones & Laughlin Steel Corp.
Lingle Refrigerators, David A.
Moncrief-Lenoir Mfg. Co.
National Tube Div.
Republic Steel Corp.
Rolled Steel Corp.
Ryerson & Son, Inc., Joseph T.
Steinhorst & Sons, Inc., Emil
U. S. Steel Supply Div.
Weirton Steel Co.

Shelf Supports, Refrigerator

Aluminum Refrigerator Door Co.
Armstrong Contracting & Supply Corp.
Kason Hardware Corp.
Solar Systems, Inc.
Standard-Keil Hardware Mfg. Co., Inc.
Union Steel Products Co.
Weber Showcase & Fixture Co.

Shelves and/or Baskets, Wire

Aluminum Refrigerator Door Co.
Armstrong Contracting & Supply Corp.
Barron Products, Inc.
Collis Co.
Hirsh Mfg. Co., S. A.
Kason Hardware Corp.
Metropolitan Wire Goods Corp.
National Market Equipment Co., Inc.
Penco Div.
Polar Hardware Mfg. Co.
Solar Systems, Inc.
Standard-Keil Hardware Mfg. Co., Inc.
Tyler Refrigeration Corp.
Union Steel Products Co.
United Steel & Wire Co.
Weber Showcase & Fixture Co.

Shelves, Freezer

Aluminum Refrigerator Door Co.
Armstrong Contracting & Supply Corp.
Barron Products, Inc.
Belt-Ice Corp.
Bohn Aluminum & Brass Corp.
Collis Co.
Kason Hardware Corp.
Quincy Products Co.
Rudy Mfg. Co.
Solar Systems, Inc.
Standard-Keil Hardware Mfg. Co., Inc.
Union Steel Products Co.
United Steel & Wire Co.
Weber Showcase & Fixture Co.

Shelves, Refrigerated Display

Aluminum Refrigerator Door Co.
Armstrong Contracting & Supply Corp.
Collis Co.
Kason Hardware Corp.
Polar Hardware Mfg. Co.
Quincy Products Co.
Rudy Mfg. Co.
Standard-Keil Hardware Mfg. Co., Inc.

(Continued)

(Continued)
Tyler Refrigeration Corp.
Weber Showcase & Fixture Co.

Shelving Hardware

Aluminum Refrigerator Door Co.
Armstrong Contracting & Supply Corp.
Bernard Franklin Co., Inc.
Collis Co.
Haertel Co., Walter
Hirsh Mfg. Co., S. A.
Kason Hardware Corp.
Penco Div.
Republic Steel Corp.
Standard-Keil Hardware Mfg. Co., Inc.
Tyler Refrigeration Corp.
Weber Showcase & Fixture Co.

Sockets, Electric

Circle F Mfg. Co.
Dialight Corp.
Drake Mfg. Co.
Leviton Mfg. Co., Inc.
Pacific Electricord Co.
Pass & Seymour, Inc.
Unilectric, Inc.

Soda Fountain Equipment

Carbonators

Amcoin Corp.
Bastian-Blessing Co.
Carbonic Dispenser, Inc.
Council Mfg. Corp.
Dunhill Food Equipment Corp.
Gavigan & Co., Inc., James J.
Glacier Mfg. Co.
Hedeman Products, Inc.
Holderle Bros., Inc.
Hudson Industries, Inc.
Leitner Equipment Co.
Liquid Carbonic Div.
Multiplex Co.
Nelson Mfg. Co., C.
New York Soda Fountain Co., Inc.
S & R Soda Fountain Mfg. Co., Inc.
Selmix Dispensers, Inc.
Superior Refrigerator Mfg. Co., Inc.
Temprite Products Corp.

Counter Freezers

Brown Mfg. Co., Inc.
Dean Products, Inc.
Freez King Corp.
Holderle Bros., Inc.
Knight Corp., Stanley
New York Soda Fountain Co., Inc.
S & R Soda Fountain Mfg. Co., Inc.
Solar Systems, Inc.
Sweden Freezer Mfg. Co.

Liquid Coolers for Soda Fountains

Bastian-Blessing Co.
Brown Mfg. Co., Inc.
Carbonic Dispenser, Inc.
Cornelius Co.
Dean Products, Inc.
Dunham-Bush, Inc.
Ebco Mfg. Co.
Heat-X, Inc.
New York Soda Fountain Co., Inc.
S & R Soda Fountain Mfg. Co., Inc.
Temprite Products Corp.

Malt and Custard Freezers

Brown Mfg. Co., Inc.
Eagle Machine & Tool Co.
Freez King Corp.
S & R Soda Fountain Mfg. Co., Inc.
Sweden Freezer Mfg. Co.

Soda Fountains

Bastian-Blessing Co.
Brown Mfg. Co., Inc.
Carbonic Dispenser, Inc.
Dunhill Food Equipment Corp.
Gavigan & Co., Inc., James J.
Glacier Mfg. Co.
Holderle Bros., Inc.
Knight Corp., Stanley
Leitner Equipment Co.
Moore & Hanks Co.
Nelson Mfg. Co., C.
New York Soda Fountain Co., Inc.
Perlick Co., Inc.
S & R Soda Fountain Mfg. Co., Inc.
Smith-Werner Co.
Solar Systems, Inc.
Sweden Freezer Mfg. Co.
Tyson Metal Products, Inc.

Solder

(H—Hard; SI—Silver; S—Soft)

All-State Welding Alloys Co., Inc. (H, SI, S)
American Brazing Alloys Corp. (H, SI, S)
American Products Corp. (H, SI)
Chase Brass & Copper Co. (H, SI)
Dalweld Co., Inc. (H, SI)
Engelhard Industries, Inc. (S)
Engelhard Industries, Inc., American Platinum & Silver Div.
Farrelloy Co. (S)
Handy & Harman (H, SI)
Hansson, Inc., Elof (SI)
Metals & Controls, Inc. (SI)
Moncrief-Lenoir Mfg. Co. (H, S)
Mueller Brass Co. (H, SI, S)
Rotometals (S)
United Wire & Supply Corp. (SI)
Wabash Corp. (SI)

Solder, Aluminum

Sealed Unit Parts Co., Inc.

Spray Paint Equipment

Koch Sons, Inc., George

Stacks and Chimneys, Prefabricated

Hart & Cooley Mfg. Co.
McQuay, Inc.
Pennsylvania Furnace & Iron Co.
Van Packer Products
Wallace Co., William

For specific product listings, see Alphabetic Cross Index at back of Directory

Stampings

Acklin Stamping Div.
Astro Products Corp.
Auburn Mfg. Co.
Barbron Corp.
Barke Products, Inc.
Detroit Stamping Co.
Eagle Machine & Tool Co.
General Tire & Rubber Co.
Greene Mfg. Co.
Higgins Metal Products Co.
Leake Stamping Div.
Paine Co.
Rockwell-Standard Corp., Stamping Div.
Transue & Williams Steel Forging Corp.
Youngstown Sheet & Tube Co.

Steam Jet Refrigeration Systems

Artisan Metal Products, Inc.
Croll-Reynolds Co., Inc.
Ingersoll-Rand Co.

Stove Pipe and Fittings

Acer & Whedon, Inc.
Inland Steel Products Co.

Strainers, Line

Alco Valve Co.
Anderson Co., V. D.
Danfoss, Inc.
Elkhart Products Corp.
General Controls Co.
General Filters, Inc.
Henry Valve Co.
Kenmore Machine Products, Inc.
Ladish Co.
Leslie Co.
Maid-O'-Mist, Inc.
Mark & Co., Clayton
McIntire Co.
Morris Co., C. W.
Mueller Steam Specialty Co., Inc.
Refrigeration Research, Inc.
Ronningen-Petter Co.
Sarco Co., Inc.
Sporlan Valve Co.
Spraying Systems Co.
Squires Co., C. E.
Wabash Corp.
Watsco, Inc.
Webster & Co., Inc., Warren
Yarnall-Waring Co.

Strainers, Oil

Alco Valve Co.
Anderson Co., V. D.
Barbron Corp.
Cuno Engineering Corp.
General Controls Co.
General Filters, Inc.
Henry Valve Co.
Kenmore Machine Products, Inc.
Leslie Co.
Morris Co., C. W.
Refrigeration Research, Inc.
Ronningen-Petter Co.
Sealed Unit Parts Co., Inc.

Switches, Electric

(M—Mercury; MI—Miniature; P—Pushbutton)

Allen-Bradley Co.
Betts & Betts Corp.
Carson Mfg. Co., Inc.
Circle F Mfg. Co. (MI, P)
Cutler-Hammer, Inc. (MI, P)
Furnas Electric Co. (P)
G M Mfg. Co. (M)
General Controls Co. (M, MI, P)
General Electric Co. (MI, P)
Hubbell, Inc., Harvey (M, P)
Mallory & Co., Inc., P. R.
Metals & Controls, Inc. (MI, P)
Micro Switch Div. (M, MI, P)
Minneapolis-Honeywell Regulator Co. (M, MI, P)
Pass & Seymour, Inc. (M, MI, P)
Pyle-National Co.
Riverside Electrical Mfg. Co.
Schrack Electrical Sales Corp. (M, MI, P)
Standard-Keil Hardware Mfg. Co., Inc.
United Electric Controls Co.
Ward Leonard Electric Co. (P)

Tape

(D—Duct Adhesive; E—Electric; P—Pressure Sensitive; S—Sealing)

American Biltrite Rubber Co., Boston Woven Hose & Rubber Div. (E)
American "Pres-Stix" Tape Co. (D, E, P, S)
Anchor Packing Co. (E)
Armstrong Contracting & Supply Corp. (D, E, P, S)
Arno Adhesive Tapes, Inc. (D, E, P, S)
Auburn Mfg. Co. (E, P)
Brady Co., W. H. (E, P)
Cain Mfg., Inc. (D, S)
Corbman Bros., Inc. (D, P, S)
Dodge Fibers Corp. (E, P)
Duro-Dyne Corp. (D, S)
Electromode (E)
Elgen Mfg. Corp. (P)
Engelhard Industries, Inc.
Gerrard & Co., A. J. (P)
Goodrich Industrial Products Co., B. F. (E, P, S)
Gummed Products Co. (S)
Interchemical Corp., Finishes Div. (P)
Johns-Manville (E, P, S)
Labelon Tape Co. (P)
Leviton Mfg. Co., Inc. (E)
Mortell Co., J. W. (S)
Mystik Adhesive Products, Inc. (D, E, P, S)
Parr Paint & Color Co. (P, S)
Permacel (D, E, P, S)
Presstite Div. (D, S)
Raybestos-Manhattan, Inc.
Seamless Rubber Co. (D, E, P, S)
Topflight Corp. (P)
Tremco Mfg. Co. (S)
United Mineral & Chemical Corp. (P)
Wilson, Inc., Grant (D, S)

Tees, Saddle

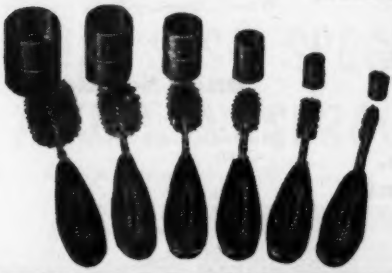
Babcock & Wilcox Co., Tubular Products Div.
Corbman Bros., Inc.
Elkhart Products Corp.
Ladish Co.
P-G Products Mfg. Co., Inc.
Ritter Pattern & Casting Co., Inc.
Skinner Co., M. B.
Watsco, Inc.

Terminals, Solderless

AMP, Inc.
Airserco Mfg. Co.
Cutler-Hammer, Inc.
Terminals Div.
Vaco Products Co.

Thermoelectric Refrigeration Modules

Materials Electronics Products Corp.
Tecumseh Products Co.



"TIME SAVERS" . . . Schaefer
COPPER TUBE FITTING BRUSHES

Clean fittings with a few quick turns. Save time and sore fingers. These brushes are made of long-wearing, rustproof stainless steel wire bristles with hand-fitting handle. In 13 sizes, ¼" to 2½" O.D.

Schaefer OUTSIDE PIPE CLEANING BRUSHES—Fit over tube ends—clean in seconds! Durable tempered steel in 7 sizes—

¼", ⅜", ½", ⅝", ¾", ⅞", 1" I.D.
⅝", ½", ⅝", ¾", ⅞", 1", 1-⅛" O.D.

SCHAEFER BRUSH MFG. CO., INC. *117 W. Walker St., Milwaukee 4, Wis.*

Tools

Bending Springs

Duro Metal Products Co.
Imperial-Eastman Corp.
Madden Brass Products Co.
Wilson Mfg. Co.

Blow Torches

Fine Products Co.
Insto-Gas Corp.
Prepo Corp.
Turner Corp.

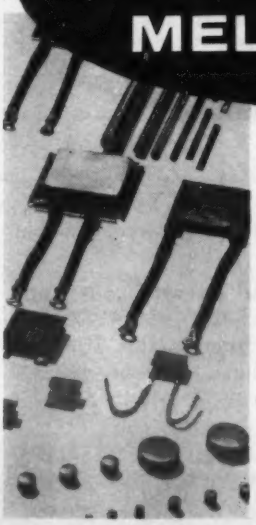
Brakes, Sheet Metal, Hand

Moncrief-Lenoir Mfg. Co.
Niagara Machine & Tool Works
Ryerson & Son, Inc., Joseph T.
Whitney Metal Tool Co.

Brushes, Acid, Copper Fitting, Tube & Pipe Cleaning

Mason Worcester Brush Co.
Mill Rose Co.
Mueller Brass Co.
Schaefer Brush Mfg. Co., Inc.

look to the
LEADER IN THERMOELECTRICS
MELCOR



THE FIRST AND MOST EXPERIENCED SUPPLIER OF HIGH EFFICIENCY THERMOELECTRIC MATERIALS FOR THERMOELECTRIC COOLING AND POWER GENERATION

- ✓ *New Low Costs*
- ✓ *New High Efficiency*
- ✓ *Plus an even greater technical Assistance Program*
- ✓ *Immediate Shipment from Inventory*

(ALL STANDARD RODS AND MODULES)

990 Spruce St., Trenton 8, N. J. EXport 3-4178

MATERIALS ELECTRONIC PRODUCTS CORP.

look to MELCOR for leadership in thermoelectrics

See complete addresses in Alphabetic Section, page 25

Brushes, Cleaning

Mason Worcester Brush Co.
Mill Rose Co.
Schaefer Brush Mfg. Co., Inc.

Capillary Tube Cleaners

Southgate Tool & Die Co.

Charging Hoses

Airserco Mfg. Co.
Belt-Ice Corp.
Fine Products Co.
Goodyear Tire & Rubber Co.
Henry Valve Co.
Imperial-Eastman Corp.
Jarrow Products, Inc.
Madden Brass Products Co.
Mueller Brass Co.
Robinair Mfg. Corp.
Servair, Inc.
Superior Valve & Fittings Co.
Techniflex
Weatherhead Co.
Wilson Mfg. Co.
York Div.

Charging Stations

Airserco Mfg. Co.
Bossman Controls Co.
Drying Systems Co.
Robinair Mfg. Corp.
Servair, Inc.
Superior Valve & Fittings Co.
Western Supply Co., Mfg. Div.

Cleaners, Hermetic System

Hermetic Parts, Inc.
Slocomb Corp., F. F.

Cranes, Portable, Truck

Mechanical Refrigeration Enterprises
Uhrden, Inc.

Cylinders, Refrigerant

Fine Products Co.
Pennsylvania Engineering Co.
Servair, Inc.
Western Supply Co., Mfg. Div.

Dehydrating Systems

Airserco Mfg. Co.
Metrex Valve Co.
Universal Dynamics Corp.

Door Gasket Notchers

Jarrow Products, Inc.
Robinair Mfg. Corp.
Standard-Keil Hardware Mfg. Co., Inc.
Watsco, Inc.

Drills, Electric, Portable

Black & Decker Mfg. Co.
Ingersoll-Rand Co.
Milwaukee Electric Tool Corp.
Moorhead-Crego, Inc.
Ryerson & Son, Inc., Joseph T.
Skil Corp.
Snap-on Tools Corp.
Thor Power Tool Co.
Wheel Trueing Tool Co.

Duct Seamers

Malco Products
Milwaukee Electric Tool Corp.
Niagara Machine & Tool Works
Thor Tool & Die Co.
Whitney Metal Tool Co.

Fastening Tools

Duro-Dyne Corp.
Gerrard & Co., A. J.
Huck Mfg. Co.
Malco Products
Milwaukee Electric Tool Corp.
Phillips Drill Co.
Ramset Fastening Systems, Winchester-Western Div.
Rawplug Co., Inc.
Skil Corp.
Snap-on Tools Corp.
Thor Tool & Die Co.

Flaring Tools

Duro Metal Products Co.
Elkhart Products Corp.
Erie Tool Works
Imperial-Eastman Corp.
Knuth Engineering Co.
Madden Brass Products Co.
McDonald Mfg. Co., A. Y.
Mueller Brass Co.
Parker Fittings & Hose Div.
Penn Brass & Copper Co.
Ridge Tool Co.
Robinair Mfg. Corp.
Rochester Products Div.
Spanco Brass Co.
Tube Form Control, Inc.
Weatherhead Co.
Wilson Mfg. Co.

- Often pays for itself on one job—in minutes.
- Can also be used to wash out Cap. Tubes after burnouts. The FREON 11 will in no way damage the BUNA-N rubber components in your LUCAS Cap. Tube Cleaner.
- Clears all Cap. Tube obstructions hydraulically without removing tubes from systems.
- No refrigerant loss from most systems.

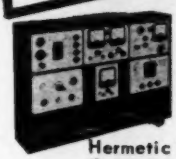
AT YOUR FAVORITE WHOLESALERS OR
Southgate Tool & Die Co.,
P. O. Box B-1097, Southgate, Mich.

WHAT'S SO SPECIAL ABOUT AIRSERCO?

A fair question deserves a fair answer!
AIRSERCO PRODUCTS equip you for faster, superior servicing – AT A LOWER COST!

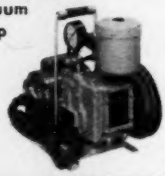
There's an Airserco product exactly right for your application. Airserco builds the most versatile line designed specially for the air conditioning and refrigeration industry.

Request our new catalog!


Hermetic Unit Compressor Analyzer

Thermo-Meter

Portable Refrigerant Measuring Tube

KC-2R High Vacuum Pump


Portable Charging Station

Complete Stock U. S. Refrigeration Gauges

Potential and Current Type Relay Tester

Portable Recording Voltmeter

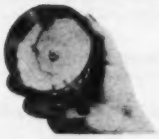
Airserco Docken Shear

Hermetic Compressor Opener

Refrigerant Tank Stand

Sling Psychrometer

Capacitor Start Relay


Portable Recording Thermometer

High Vacuum Text Book for Service Engineers

Hermetic Unit Cap-Start Cap-Run Test Cord

5-Inch Mercury Manometer

See your wholesaler for Airserco equipment today!

"The man who needs testing equipment is already paying for it!"

AIRSERCO MANUFACTURING CO.

PITTSBURGH 13, PENNSYLVANIA, U.S.A.

For specific product listings, see Alphabetic Cross Index at back of Directory

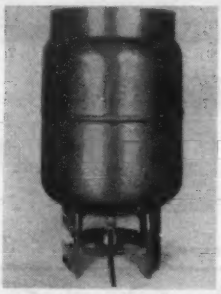
Ask Your Air Conditioning Equipment Manufacturer for—

THE ORIGINAL, LIGHTWEIGHT "PATENTED," LIQUID CHARGING CYLINDERS FILLED WITH REFRIGERANT 22

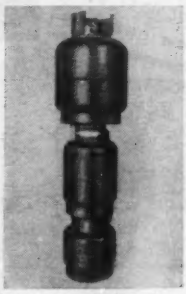
FINGER OPERATED NUT NOW SUPPLIED TO CONNECT HOSES QUICKLY

Stock sizes in REFRIGERANT 22 capacities of: 50lb. - 25lb. - 15lb.

Air conditioning equipment manufacturer's brand name and part no. shown on label.



Convenient for liquid charging (as shown) as well as gas charging (in standing position).



Stack conveniently to save space.

Check These Many Features:

* **RIGID MOISTURE AND QUALITY CONTROL**
  - Blue Plastic Seal on valve outlet is your assurance of maximum dryness, quality and purity.
  - Seals are printed "MAXIMUM DRYNESS—FACTORY SEALED."
* **LESS WASTE BECAUSE OF OVER OR UNDER CHARGE**
  - Choice of small cylinder sizes to suit each system. (Less cost per cylinder.)
* **EASY TO HANDLE**— lightweight, small cylinders with built-in hand grips. (50 lb. size only 22 lb. empty.)
* **NO HOOD CAPS TO LOSE**— Valve protected by permanent collar.
* **STACKING RINGS SAVE VALUABLE SPACE**
  - Valve protection collar also serves as stacking ring. Uniform ring on all sizes enables mixed stacking.
* **CAN BE USED IN BOTH UPRIGHT POSITIONS**
  - Equally convenient for gas or LIQUID CHARGING.
  - No mounting blocks necessary.
* **NO VALVE WRENCHES NEEDED**— Handwheel already on cylinder valve.
* **STANDARD FITTING ALREADY ON VALVE**
  - Sturdy cylinder valve complete with ¼" outlet and finger-operated knurled outlet nut ready for quick connecting and disconnecting charging hose. No wrenches needed to remove or attach nut.
* **YOU CAN DELIVER AIR CONDITIONING SYSTEM COMPLETE WITH FULL REFRIGERANT CHARGE ANY TIME OF THE YEAR**
* **NO FREIGHT OR DEPOSIT PROBLEMS ON CYLINDERS**
  - Prices include freight on full cylinders and on return of empties.
  - No cylinder records needed—deposit of $12.00 each for all three sizes of cylinders refunded regardless of cylinder number.

ASK FOR THE BLUE CYLINDER WITH THE PROTECTING STAND RING

Air Conditioning Equipment Manufacturers Send Inquiries to:

PENNSYLVANIA ENGINEERING CO.

1107-21 NORTH HOWARD STREET PHILADELPHIA 23, PENN.

U.S. Patent No. 2956708 Foreign Patents applied for

Forming and Bending Machines, Sheet Metal

Bath Co., Cyril
Hill, Inc., Walter P.
Lennox Tool & Machine Builders
Lockformer Co.
Moncrief-Lenoir Mfg. Co.
Niagara Machine & Tool Works
Peck, Stow & Wilcox Co.
Ryerson & Son, Inc., Joseph T.
Tube Form Control, Inc.
Whitney Metal Tool Co.
Wysong & Miles Co.

Gas Masks

Davis Emergency Equipment Co., Inc.
York Div.

Gasket Cutters

Cincinnati Tool Co.
Robinair Mfg. Corp.

Hand Tools

Airserco Mfg. Co.
Bonney Forge & Tool Works
Cincinnati Tool Co.
Crescent Tool Co.
Dayton Electric Mfg. Co.
Diamond Tool & Horseshoe Co.
Duro Metal Products Co.
Erie Tool Works
Fine Products Co.
Greenlee Tool Co.
Haaser Sales Co.
Huck Mfg. Co.
Kedman Co.
Malco Products
Milwaukee Electric Tool Corp.
Moncrief-Lenoir Mfg. Co.
Niagara Machine & Tool Works
Peck Stow & Wilcox Co.
Ramset Fastening Systems, Winchester-Western Div.
Ridge Tool Co.
Schild Mfg. Co.
Snap-on Tools Corp.
Southgate Tool & Die Co.
Thor Tool & Die Co.
Vaco Products Co.
Watsco, Inc.
Whitney Mfg. Co., W. A.
Whitney Metal Tool Co.
Wilson Mfg. Co.
Wiss & Sons Co., J.

Hand Trucks

Dayton Electric Mfg. Co.
Hedeman Products, Inc.
Perlick Co., Inc.
Robinair Mfg. Corp.
Stevens Appliance Truck Co.
Yeats Appliance Dolly Sales Co.

Hermetic Compressor Openers

Airserco Mfg. Co.
Frankell Mfg. Co., Inc.

Hermetic Service Kits

Kerotest Mfg. Co.
Superior Valve & Fittings Co.

Hoists

Amble Mfg. Co., Inc.
Robbins & Myers, Inc.
Ryerson & Son, Inc., Joseph T.
Sponhaltz Enterprises, Inc.
Thor Power Tool Co.

Injectors

(O—Oil; R—Refrigerant)

Airserco Mfg. Co. (O, R)
Phillips & Co., H. A. (R)
Robinair Mfg. Corp. (R)
Servair, Inc. (R)

Leak Detectors

Airserco Mfg. Co.
Bacharach Industrial Instrument Co.
Bernz Co., Inc., Otto
Consolidated Electrodynamics Corp.
Danfoss, Inc.
Davis Emergency Equipment Co., Inc.
Fisher Research Laboratory, Inc.
General Electric Co.
Goss Gas, Inc.
Harvell-Kilgore Sales Corp.
Highside Chemicals Inc.
Insto-Gas Corp.
Kidde Mfg. Co., Inc.
Kobbe Laboratories
Linde Co.
Servair, Inc.
Stokes Corp., F. J.
Turner Corp.
Watsco, Inc.

Machine Tools

Burr Oak Tool & Gauge Co.
Bush Mfg. Co.
Eagle Machine & Tool Co.
Hannifin Co.
Hill, Inc., Walter P.
S & S Machinery Co.
Southgate Tool & Die Co.
Thor Tool & Die Co.
Whitney Metal Tool Co.
Wysong & Miles Co.

Masonry Drilling Equipment

Black & Decker Mfg. Co.
Clipper Mfg. Co.
Milwaukee Electric Tool Corp.
New England Carbide Tool Co., Inc.
Paine Co.
Phillips Drill Co.
Rawlplug Co., Inc.
Skil Corp.
Tilden Tool Mfg. Co., Inc.
Wheel Trueing Tool Co.

Material Handling Equipment

Airserco Mfg. Co.
Amble Mfg. Co., Inc.
Bernard Franklin Co., Inc.
Republic Steel Corp.
Ryerson & Son, Inc., Joseph T.

Metal Stitching Machines

Acme Steel Co.

Metalworking Machines

Beverly Shear Mfg. Corp.
Bush Mfg. Co.
Efficient Tool & Die Co.
Hannifin Co.
Lennox Tool & Machine Builders
Lockformer Co.
Moncrief-Lenoir Mfg. Co.
Niagara Machine & Tool Works
Peck, Stow & Wilcox Co.
Reiner & Campbell Co., Inc.
Ryerson & Son, Inc., Joseph T.
Tennessee Erector Service Co.
Whitney Mfg. Co., W. A.
Whitney Metal Tool Co.
Wysong & Miles Co.

Nibblers, Portable, Electric

Airserco Mfg. Co.
Black & Decker Mfg. Co.
Duro-Dyne Corp.
Ryerson & Son, Inc., Joseph T.
Thor Power Tool Co.

Oil Charging Pumps

Vilter Mfg. Corp.
York Div.

See complete addresses in Alphabetic Section, page 25

Oilers

Swift Lubricator Co.

Pinch-Off Tools

Capitol Refrigeration, Inc.
Duro Metal Products Co.
Imperial-Eastman Corp.
Madden Brass Products Co.
Robinair Mfg. Corp.
Whitney Mfg. Co., W. A.
Wilson Mfg. Co.

Pipe Benders

Aircraft Production Engineers
Greenlee Tool Co.
Hein-Werner Corp.
Hill, Inc., Walter P.
Holsclaw Bros., Inc.
Imperial-Eastman Corp.
Mueller Brass Co.
Pines Engineering Co., Inc.
Rochester Products Div.
Ryerson & Son, Inc., Joseph T.
Weatherhead Co.

Pumps, Descaling, Acid

American Machine Products, Inc.
Jabsco Pump Co.

Pumps, Vacuum

Airserco Mfg. Co.
Beach-Russ Co.
Bell & Gossett Co.
Consolidated Electrodynamics Corp.
Consolidated Vacuum Corp.
Drying Systems Co.
Dunham-Bush, Inc.
Ingersoll-Rand Co.
Joy Mfg. Co.
Kinney Vacuum Div.
NRC Equipment Corp.
Robinair Mfg. Corp.
Sarco Co., Inc.
Servair, Inc.
Stokes Corp., F. J.
Wheeler Mfg. Co., C. H.

Refrigerator Pads and Carrying Harnesses

Yeats Appliance Dolly Sales Co.

Saws, Electric, Portable

Black & Decker Mfg. Co.
Clipper Mfg. Co.
Malco Products
Milwaukee Electric Tool Corp.
Ryerson & Son, Inc., Joseph T.
Skil Corp.
Thor Power Tool Co.

Saws, Reciprocating, Electric, Portable

Black & Decker Mfg. Co.
Malco Products
Milwaukee Electric Tool Corp.
Skil Corp.

Service Valve Kits

Airserco Mfg. Co.
Mueller Brass Co.
Superior Valve & Fittings Co.

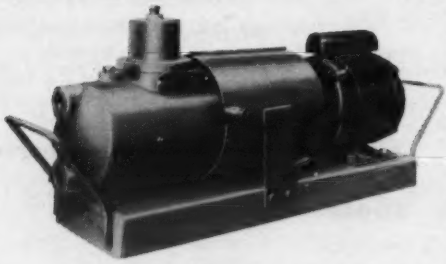
Shears, Electric, Portable

Airserco Mfg. Co.
Beverly Shear Mfg. Corp.
Black & Decker Mfg. Co.
Duro-Dyne Corp.
Milwaukee Electric Tool Corp.
Ryerson & Son, Inc., Joseph T.

(Continued)

BEACH-RUSS PORTABLE VACUUM PUMPS For Dehydrating and Testing

Specifically Designed for Refrigeration and Air-Conditioning Work.



MODEL A TWO-STAGE PUMP

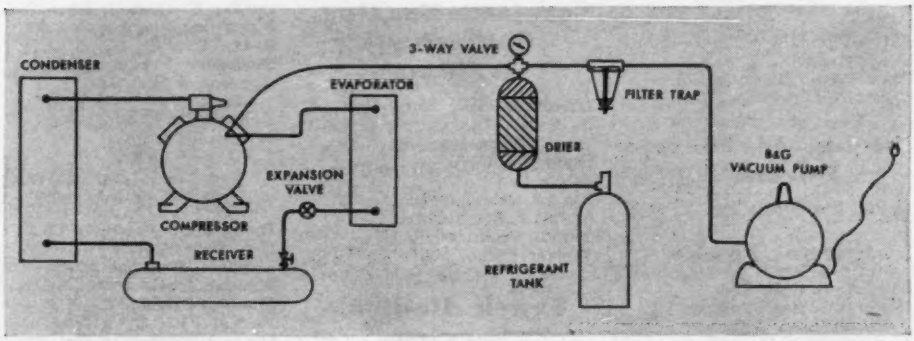
For Higher Vacuum. A completely portable two-stage pump for vacuum up to 1/10 mm. It is the only unit combining all the features desired by the air-conditioning and refrigeration service man . . . rugged, compact, lightweight, with extremely long life . . . and, above all, unusually high performance characteristics. It provides required two-stage operation in one small pump that eliminates complicated valves and adjustments.

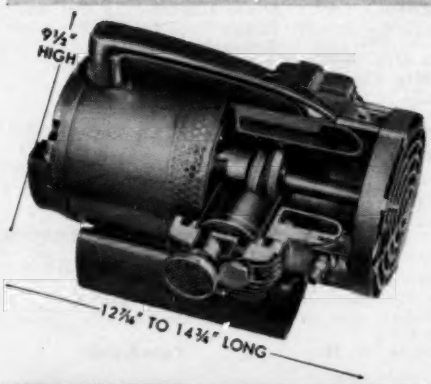
SPECIFICATIONS

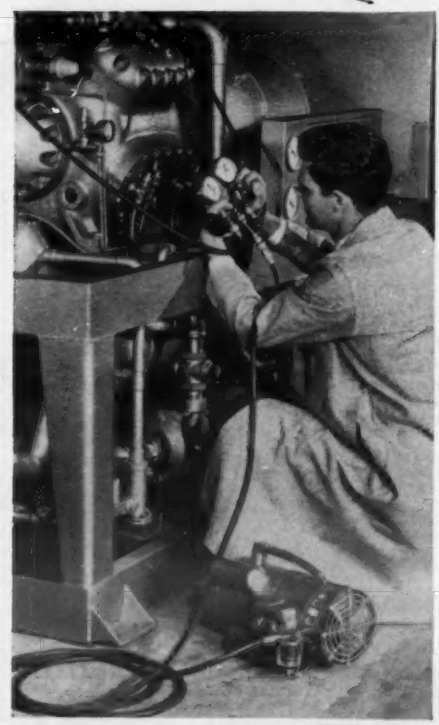
Vacuum, blank flange—1/10 mm.
Capacity— 2.5 CFM.
Horsepower— 1/3 HP.
Weight— 80 lbs.
Oiling— Pump automatically lubricated.
Over-all length— 28".
NOTE: All valves are eliminated in this model.

Beach-Russ Vacuum Pumps are also made in types and sizes for evacuation and testing of refrigeration equipment on a production basis.

BEACH-RUSS COMPANY
Vacuum Pumps—Compressors—Gas Boosters
620 P Graybar Bldg., New York 17, N. Y.
Branch Offices in Principal Cities







Light weight, Low-cost, Oil-less

VACUUM PUMP FOR FAST FIELD DEHYDRATION OF REFRIGERATION SYSTEMS

B&G Oil-less Vacuum Pumps are handy, dependable, low-cost units for rapidly dehydrating refrigeration systems by the "multiple evacuation" method.

FAST PULL-DOWN—B&G Vacuum Pumps offer unusually large displacement per horsepower for faster pull-down. This unit *will continuously draw up to 28" of vacuum*—more than ample when multiple method is used.

CLEANER—Oil-less operation does away with oil-laden discharge vapors.

EASILY PORTABLE—A ¼ HP model weighs just 33 lbs.—substantially less than comparable units. Larger capacity models are correspondingly light in weight.

LOW COST—B&G Vacuum Pumps are low in both initial and operating cost. They never need lubrication, hence little maintenance.

For complete literature on the Multiple Evacuation Method of Field-Drying Complete Refrigeration Systems, send for Bulletin 308.

Oil-less
VACUUM PUMPS
BELL & GOSSETT COMPANY
Dept. GX-59-2, Morton Grove, Illinois

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Skil Corp.
Snappy, Inc.
Thor Power Tool Co.
Whitney Metal Tool Co.

Steam Cleaners, Portable

Oakite Products, Inc.

Surge Tanks

Ellicott-Brandt, Inc.
Higgins Metal Products Co.
Johnson Tank & Tower
Pennsylvania Furnace & Iron Co.
Precision Heat Exchanger Co., Inc.
Refrigeration Research, Inc.
Temprite Products Corp.
York Div.

Swedging Tools

Imperial-Eastman Corp.
Knuth Engineering Co.
Madden Brass Products Co.
McDonald Mfg. Co., A. Y.
Robinair Mfg. Corp.
Rochester Products Div.
Ryerson & Son, Inc., Joseph T.
Wilson Mfg. Co.

Torches, Brazing, Soldering, Welding

Bernz Co., Inc., Otto
Goss Gas, Inc.
Ideal Industries, Inc.
Insto-Gas Corp.
Linde Co.
Liquid Carbonic Div.
Snap-on Tools Corp.
Trindl Products, Ltd.
Turner Corp.

Truck Bodies, Service

Allegheny Body Co., Inc.
Mid West Body & Mfg. Div.
Polar Hardware Mfg. Co.

Tube Benders

Avon Tube Div.
Burr Oak Tool & Gauge Co.
Chase Brass & Copper Co.
Duro Metal Products Co.
Elliott Co.
Greenlee Tool Co.
Hein-Werner Corp.
Hill, Inc., Walter P.
Holsclaw Bros., Inc.
Imperial-Eastman Corp.
Martin Tube Benders, W. H.
Parker Fittings & Hose Div.
Pines Engineering Co., Inc.
Ridge Tool Co.
Rochester Products Div.
Ryerson & Son, Inc., Joseph T.
Tube Form Control, Inc.
Wilson Mfg. Co.

Tube Cutters

Duro Metal Products Co.
Erie Tool Works
Imperial-Eastman Corp.
Madden Brass Products Co.
Mueller Brass Co.
Parker Fittings & Hose Div.
Pines Engineering Co., Inc.
Ridge Tool Co.
Robinair Mfg. Corp.
Rochester Products Div.
Ryerson & Son, Inc., Joseph T.
Snap-on Tools Corp.
Spanco Brass Co.
Tube Form Control, Inc.
Wilson Mfg. Co.

Vacuum Cleaners, Commercial

Ace-Sycamore, Inc.
Black & Decker Mfg. Co.

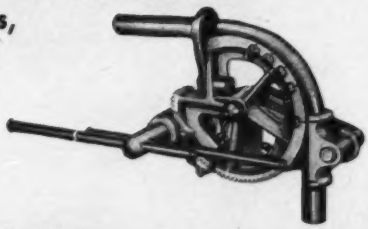
(Continued)

"HOLSCLAW"

Improved HANDY Pipe and Tube Bender

For Conduit, Iron and Steel Pipe, Brass, Copper, and Aluminum Tubing

Handy Tube Benders eliminate the need for mandrels or filling with foreign substances. Labor savers! In many cases pay for themselves on first job. Used the world over by service men in Refrigeration, Plumbing, Heating and Instrument Control Lines. Portable, can be used on the job or bolted to bench or pipe vise. (See attachment listing below.)



STANDARD HANDY TUBE BENDER
Recommended for soft tubing.

Catalog No.	OUTSIDE DIAMETER TUBING	Bending Radius at Center of Tubing
*B4- 8	½	1¾"
B4-10	⅝	2½"
B4-12	¾	3"
B4-14	⅞	3"

*ATTACHMENT AVAILABLE FOR USE WITH B4-8 HANDY TUBE BENDER FOR BENDING ⅜" O. D. OR SMALLER TUBING.

HEAVY DUTY HANDY TUBE BENDER
Recommended for hard temper tubing, steel or iron pipe.

Catalog No.	OUTSIDE DIAMETER TUBING	Bending Radius at Center of Tubing
HD- 6	⅜	1¾"
HD- 8	½	2½"
HD-10	⅝	3"
HD-12	¾	4"
HD-14	⅞	4"
*HD-16	1	4"
*HD-18	1⅛	4"

*1" O. D. and 1⅛" O. D. TYPE L HARD AND TYPE M NOT SUITABLE FOR BENDING.

IMPORTANT

As Handy Tube Benders are made to fit outside diameters of tubing, select catalog numbers from outside diameter of tubing to be bent.

SOLD BY LEADING SUPPLY HOUSES

HOLSCLAW BROS., INC. 444 N. WILLOW ROAD EVANSVILLE 11, IND.

(Continued)

Ideal Industries, Inc.
Kent Co., Inc.

Vacuum Leak Detecting Systems

Airserco Mfg. Co.
Consolidated Electrodynamics Corp.
Consolidated Vacuum Corp.
Robinair Mfg. Corp.
Servair, Inc.
Stokes Corp., F. J.

Vacuum Refrigerant Transfer Systems

Airserco Mfg. Co.
Consolidated Vacuum Corp.
Drying Systems Co.
Robinair Mfg. Corp.
Servair, Inc.
Vilter Mfg. Corp.

Vacuum Dehydrating Systems

Airserco Mfg. Co.
Atlas Engineering Corp.
Beach-Russ Co.
Drying Systems Co.
Kinney Vacuum Div.
McPherson, Inc.
NRC Equipment Corp.
Robinair Mfg. Corp.
Sedco, Inc.
Servair, Inc.
Stokes Corp., F. J.
Western Supply Co., Mfg. Div.

Valves, Can Tapping

Henry Valve Co.
Madden Brass Products Co.
Superior Valve & Fittings Co.
Wabash Corp.
Watsco, Inc.

Valves, Line Tapping

Henry Valve Co.
Madden Brass Products Co.
Superior Valve & Fittings Co.
Wabash Corp.
Watsco, Inc.

Welders, Portable

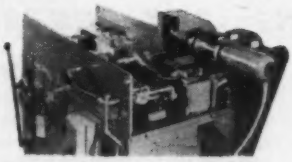
Ace-Sycamore, Inc.
Duro-Dyne Corp.
Linde Co.
Liquid Carbonic Div.
Ryerson & Son, Inc., Joseph T.
Snap-on Tools Corp.

Wheel and Pulley Pullers

Robinair Mfg. Corp.
Snap-on Tools Corp.

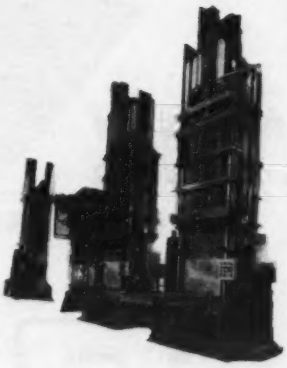
OAK TOOLS

"PRACTICAL AUTOMATION"



Automatic tube benders, coil expanders, dies and other tools for the coil-maker or tubing fabricator.

Designers and builders of all types of special machinery with wide experience in hydraulic and pneumatic equipment.



BURR OAK TOOL AND GAUGE CO.
STURGIS, MICHIGAN • Call OL 1-3278

See complete addresses in Alphabetic Section, page 25

Transformers, Boost and Buck

Acme Electric Corp.
General Electric Co.

Transformers, Electric

Acme Electric Corp.
Allis-Chalmers Mfg. Co.
American Instrument Co., Inc.
Barber-Colman Co.
Cutler-Hammer, Inc.
Danfoss, Inc.
General Electric Co.
Trindl Products, Ltd.
Wagner Electric Corp.

Traps, Steam and Air

American Air Filter Co., Inc.
Anderson Co., V. D.
Armstrong Machine Works
Dunham-Bush, Inc.
Elkhart Products Corp.
Hubbell Corp.
Powers Regulator Co.
Sarco Co., Inc.
Squires Co., C. E.
Webster & Co., Inc., Warren
Yarnall-Waring Co.

Truck Refrigeration Drives

Capitol Refrigeration, Inc.
Dole Refrigerating Co.

Tube Hangers, Straps and Clips

American Tube & Controls, Inc.
Chase Brass & Copper Co.
Elkhart Products Corp.
McIntire Co.
Minerallac Electric Co.
Moore & Co., Samuel, Dekoron Products Div.
Mueller Brass Co.
Nibco, Inc.
Paine Co.
Parker Fittings & Hose Div.
Shurclose Seal Co.

Tubing, Alloy

Bethlehem Steel Co.
Chase Brass & Copper Co.
Crucible Steel Co. of America
Engelhard Industries, Inc.
Fromson Orban Co., Inc.
Lewin-Mathes Co.
Mackenzie Walton Corp.
Metals & Controls, Inc.
National Tube Div.
Phelps Dodge Copper Products Corp.
Precision Tube Co., Inc.
Reading Tube Co.
Revere Copper & Brass, Inc.
Trent Tube Co.
U. S. Steel Supply Div.
United Wire & Supply Corp.
Wolverine Tube

Tubing, Aluminum

Aluminum Co. of America
Bohn Aluminum & Brass Corp.
Brazeway, Inc.
Chase Brass & Copper Co.
Dow Chemical Co.
Engelhard Industries, Inc.
Fromson Orban Co., Inc.
Hi-Mill Mfg. Co.
Light Metals Corp.
Metals & Controls, Inc.
Moncrief-Lenoir Mfg. Co.
Moore & Co., Samuel, Dekoron Products Div.
Penn Brass & Copper Co.
Precision Tube Co., Inc.
Revere Copper & Brass, Inc.
Reynolds Metals Co.
Ryerson & Son, Inc., Joseph T.

(Continued)

PRECISION TUBING

INCREASED PRODUCTION...CUT COSTS

Precise temper... one of the many outstanding qualities of Precision tubing ... made it possible for a leading manufacturer of air conditioners to increase production and profits substantially and to cut costs by using Precision's special bending temper.

If you use 3/8" x .016" wall, 5/8" x .022" wall or 7/8" x .025" wall for cooling coils or condensers, let Precision furnish you with quality tubing. Write for complete information to Precision Tube Company, Inc., North Wales, Pa.

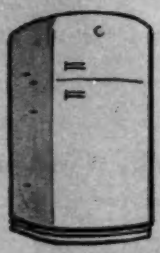
PRECISION TUBE COMPANY

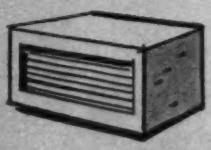
PRECISION-EERS OF SMALL TUBING

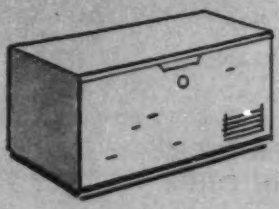
for BETTER REFRIGERATION and AIR CONDITIONING UNITS

insist on:

PENN Copper and Aluminum Tubing







1

PENN Quality copper and aluminum tubing meets the most exacting specifications of the Refrigeration and Air Conditioning industry. If you buy straight, coiled, capillary, or fabricated tube for liquid or suction lines, condenser or evaporator coils or connectors, **PENN** Quality tube is your assurance of trouble free installation and smooth appliance operation.

2

PENN is not only recognized for Quality tubular products but for their dependable delivery promises. Quality products are valuable only if they are in your plant when you need them, and many of our customers state that they consider **PENN'S** reliable deliveries one of the most important parts of our services. **PENN'S** 'on time' delivery week after week, month after month, year after year, will protect your production schedule.

3

When marketing conditions, model changes, or unusual circumstances make it necessary for you to adjust your delivery requirements, the flexibility and sincere cooperation of all **PENN'S** personnel will prove invaluable to you. Make use of these **PENN** services---Ask us for information on your tubing needs.

LET THIS TRIO WORK FOR YOU—*Quality • Dependability • Flexibility*

Penn **PENN BRASS & COPPER COMPANY**
GENERAL OFFICE and PLANTS: ERIE, PA. • Phone TE. 8-1931

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

U. S. Steel Supply Div.
United Wire & Supply Corp.
Wolverine Tube

Tubing, Brass

Anaconda American Brass Co.
Chase Brass & Copper Co.
Fromson Orban Co., Inc.
H & H Tube & Mfg. Co.
Hi-Mill Mfg. Co.
Hussey & Co., C. G.
Lewin-Mathes Co.
Mackenzie Walton Corp.
National Copper & Smelting Co.
Phelps Dodge Copper Products Corp.
Precision Tube Co., Inc.
Reading Tube Co.
Revere Copper & Brass, Inc.
Scovill Mfg. Co.
Shurclose Seal Co.
Trent Tube Co.
Tube Form Control, Inc.
United Wire & Supply Corp.
Wolverine Tube

Tubing, Capillary

Anaconda American Brass Co.
Chase Brass & Copper Co.
Fromson Orban Co., Inc.
Hi-Mill Mfg. Co.
Kensico Tube Co.
Mackenzie Walton Corp.
Madden Brass Products Co.
Penn Brass & Copper Co.
Precision Tube Co., Inc.
Reading Tube Co.
Refrigeration Research, Inc.
Revere Copper & Brass, Inc.
Rochester Products Div.
Superior Tube Co.
United Wire & Supply Corp.
Wabash Corp.
Wolverine Tube

Tubing Copper

Anaconda American Brass Co.
Astro Products Corp.
Chase Brass & Copper Co.
Fromson Orban Co., Inc.
H & H Tube & Mfg. Co.
Hi-Mill Mfg. Co.
Hussey & Co., C. G.
Kensico Tube Co.
Lewin-Mathes Co.
Mackenzie Walton Corp.
Metals & Controls, Inc.
Moore & Co., Samuel, Dekoron Products Div.
Mueller Brass Co.
National Copper & Smelting Co.
Penn Brass & Copper Co.
Phelps Dodge Copper Products Corp.
Precision Tube Co., Inc.
Reading Tube Co.
Refrigeration Research, Inc.
Revere Copper & Brass, Inc.
Roberts Tube
Scovill Mfg. Co.
Shurclose Seal Co.
Triangle Conduit & Cable Co., Inc.
Tube Form Control, Inc.
United Wire & Supply Corp.
Viking Copper Tube Co.
Wolverine Tube

Tubing, Copper, Tin-Lined

Chase Brass & Copper Co.
Hussey & Co., C. G.
Phelps Dodge Copper Products Corp.
Tube Form Control, Inc.
Wolverine Tube

Tubing, Finned

Astro Products Corp.
Carpenter Steel Co.

(Continued)

FINNED TUBING IN STRAIGHT LENGTHS, IN ALL METALS AND FOR ALL HEAT TRANSFER PURPOSES.

WE DO NOT MAKE ANY FINISHED PRODUCTS AND SO CAN WORK CLOSELY WITH OTHER MANUFACTURERS.

KEEPRITE EASTERN INC.

461 AMBOY AVE. WOODBRIDGE, N. J.

METICULOUS CARE

Poised atop a peak of packaging perfection, Kensico's friendly *Mister Meticulous* casts a wary eye on the care exercised by our technicians. He makes sure that they produce air conditioning and refrigeration tubes to each customer's exact specifications. From his lofty perch, he can also scan the horizon for new customers and friends. Want to put Mr. "M" to work on your next order? Call or write Kensico today!

Kensico Tube
COMPANY DIVISION
Robinson Technical Products, Inc.
MOUNT KISCO, NEW YORK

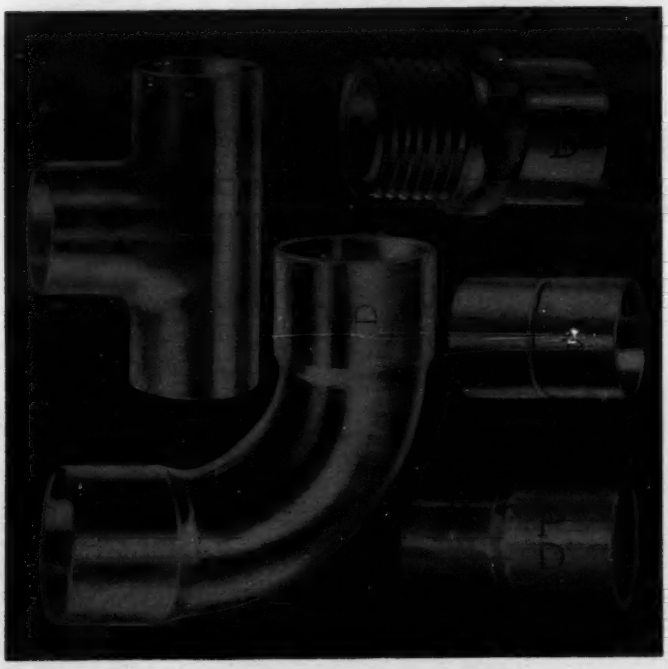
Kensico Products are also available through Warehouse Distributors and Sales Representatives in Cambridge, Mass.; Middlebury, Conn.; Buffalo, N. Y.; Lindenhurst, N. Y.; Goshen, N. Y.; Roselle, N. J.; Philadelphia, Pa.; Flourtown, Pa.; Pittsburgh, Pa.; Cleveland, Ohio; Chicago, Ill.; St. Louis, Mo.; Milwaukee, Wisc.; Durham, N. C.; Dallas, Texas.

See complete addresses in Alphabetic Section, page 25

WHY YOU SHOULD SPECIFY

Phelps Dodge

A complete line of Copper Refrigeration and ACR Tube, and Wrot Fittings from one Source!



1 NEW WROT SOLDER-TYPE FITTINGS. Phelps Dodge has added a wide range of fittings in sizes from ⅛-inch to 6 inches. All fittings are protectively packaged for factory-clean delivery.

2 COLOR-CODED ACR TUBE WITH O.D. MARKINGS. Phelps Dodge ACR tube is specially cleaned for refrigeration use. Extra-long coded end caps are your assurance of factory-clean tube at job site. Tube is color-coded for fast identification and marked with outside dimension.

3 NEW P-D PAK CARTON. Reel-type design of convenient new carton allows refrigeration tube to be rolled or paid out quickly on the job. Color-coded tape seals carton for protection, yet opens easily.

Quality tube and fittings sold the quality way—through authorized refrigeration wholesalers!

AIR-CONDITIONING AND REFRIGERATION WHOLESALERS ASSOCIATE

PHELPS DODGE COPPER PRODUCTS
CORPORATION
New York, N.Y. • Los Angeles, Calif.

P MINE TO MARKET D

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Chase Brass & Copper Co.
Edwards Engineering Corp.
Hi-Mill Mfg. Co.
Keeprite Eastern, Inc.
Kritzer Radiant Coils, Inc.
Mackenzie Walton Corp.
Merchant & Evans Co.
Phelps Dodge Copper Products Corp.
Quincy Products Co.
Reading Tube Corp.
Revere Copper & Brass, Inc.
Rittling Corp.
Rome Turney Radiator Co.
Standard Tube Co.
United Wire & Supply Corp.
Wolverine Tube

Tubing, Monel

Bundy Tubing Co.
Metals & Controls, Inc.
Precision Tube Co., Inc.
Superior Tube Co.
Trent Tube Co.
Wall Tube & Metal Products Co.
Wolverine Tube

Tubing, Plastic

Alpha Plastics, Inc.
Anaconda Metal Hose Div.
Auburn Mfg. Co.
Geauga Industries Co.
Goodall Rubber Co.
Goodrich Industrial Products Co., B. F.
Laminated Sheet Products Corp.
Moore & Co., Samuel, Dekoron Products Div.
Parker Fittings & Hose Div.
Pawling Rubber Corp.
Raybestos-Manhattan, Inc.
Ryerson & Son, Inc., Joseph T.
St. Regis Paper Co., Panelyte Div.
Shurclose Seal Co.
Southern Plastics Co.
Triangle Conduit & Cable Co., Inc.
United States Rubber Co.
Youngstown Sheet & Tube Co.
Zippertubing Co.

Tubing, Rubber

Allegheny Ludlum Steel Corp.
Auburn Mfg. Co.
Gates Rubber Co.
Geauga Industries Co.
Goodall Rubber Co.
Goodrich Industrial Products Co., B. F.
Johnson Rubber Co.
Minisink Rubber Co., Inc.
Pawling Rubber Corp.
Raybestos-Manhattan, Inc.
Shurclose Seal Co.
United States Rubber Co.
Wilson, Inc., Grant

Tubing, Stainless Steel

Anaconda Metal Hose Div.
Babcock & Wilcox Co., Tubular Products Div.
Carpenter Steel Co.
Chase Brass & Copper Co.
Crucible Steel Co. of America
Engelhard Industries, Inc.
Hi-Mill Mfg. Co.
Higgins Metal Products Co.
Metals & Controls, Inc.
National Tube Div.
Precision Tube Co., Inc.
Ryerson & Son, Inc., Joseph T.
Shurclose Seal Co.
Standard Tube Co.
Superior Tube Co.
Trent Tube Co.
U. S. Steel Supply Div.
Wall Tube & Metal Products Co.

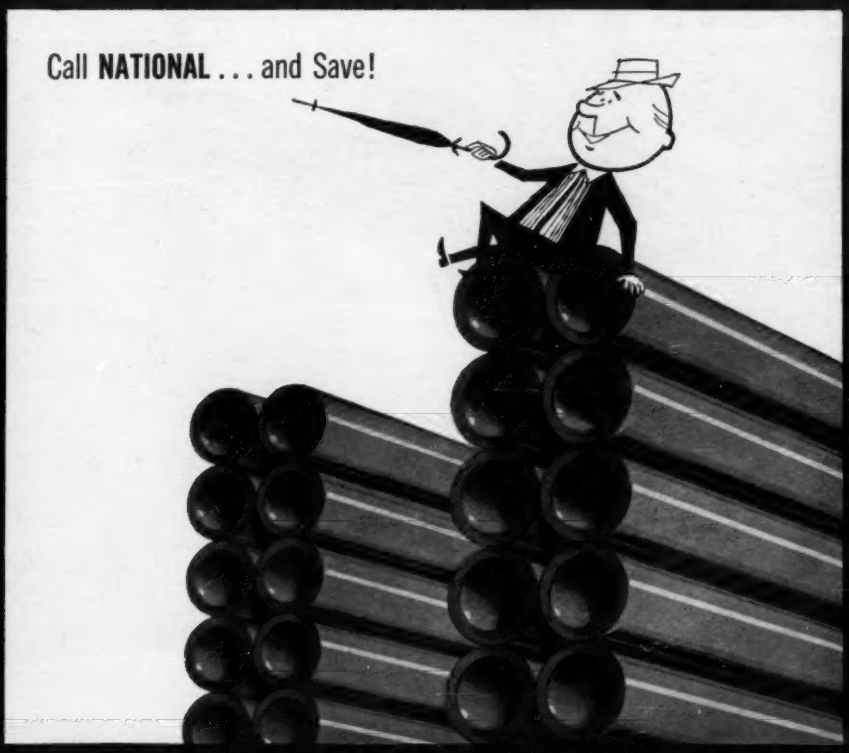
For Further, Up-to-date Information on New Products and News of the Industry Be Sure to Read Each Week's Issue of the Industry's Only Newspaper . . .

AIR CONDITIONING, HEATING & REFRIGERATION **NEWS**

Subscription cost only $6.00 a year for 52 fact-filled issues!
(Foreign except Canada $10.00 per year)

WRITE:

AIR CONDITIONING, HEATING & REFRIGERATION NEWS
450 WEST FORT STREET, DETROIT 26, MICHIGAN



You Get Up to 5% More Copper Tubing From National . . . On Every Order!

While all copper tubing is manufactured to standard specifications, commercial tolerances allow certain variations which can be costly to you . . . wall thickness is one example.

You *use* tubing by the *foot* or the piece . . . but you pay for it by the *pound*. If you are buying tubing with walls that are regularly heavier than you have specified, you're being overcharged as much as 5% on footage. You're paying a premium and have to reorder more often than you should.

When you buy from National Copper, you get tubing that is drawn to your specifications for wall thickness, concentricity and length . . . at a considerable saving. Next time, order from National.

The National Copper and Smelting Company
1862 East 123rd Street • Cleveland 6, Ohio • Telephone CEdar 1-2366

Copper and Brass Tubing — Straight Lengths • Coils • Cut Lengths • Formed Pieces • Special Shapes • Fabricated Parts

See complete addresses in Alphabetic Section, page 25

DESIGNED

TO

DELIVER

Other large plants may deliver a variety of products but Viking's spacious, modern plant was designed and built from the ground up for one specific purpose: the production of thin-wall copper tube of unsurpassed quality.

The equipment in the plant whether for fabrication or testing is of special design, built to Viking specifications, or by Viking itself.

So it is with the people of Viking. Each worker is specially trained for a single job — his part in the production of thin-wall copper tube for the leading makers of refrigeration and air conditioning equipment. The entire Viking production team — factory, facilities, men — work to a tradition that demands the best. Is there a better way to insure quality?

VIKING

VIKING COPPER TUBE COMPANY

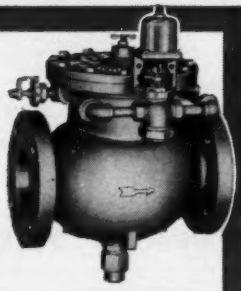
SUBSIDIARY OF CERRO CORPORATION

16600 ST. CLAIR AVENUE
CLEVELAND 10 · OHIO

R S CONTROLS

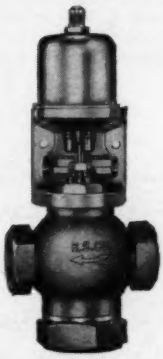
A Line of Heavy-Duty Refrigeration Control Valves designed primarily for Medium and Large Air-Conditioning and Industrial Refrigeration

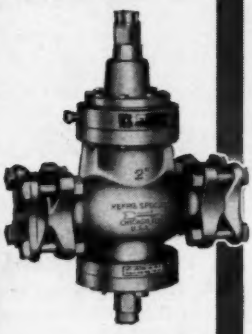
Send for Condensed Catalog



THREADED WELDING OR SWEAT FLANGES

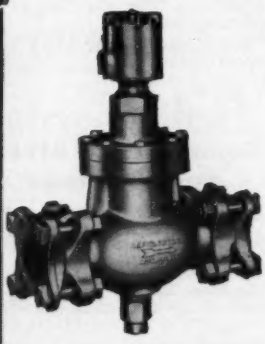
WATER REGULATORS
1 to 300 Tons

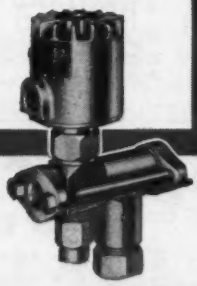




VARIATIONS FOR SPECIAL APPLICATIONS

BACK PRESSURE REGULATORS
1 to 3000 Tons





SOLENOID VALVES
1 to 1000 Tons

- FREON-12
- FREON-22
- AMMONIA

REFRIGERATING SPECIALTIES COMPANY
3004 W. LEXINGTON ST. CHICAGO 12, ILLINOIS

R S CONTROLS

For specific product listings, see Alphabetic Cross Index at back of Directory

Tubing, Steel

Ainsworth Mfg. Co.
Allied Tube Corp.
Anaconda Metal Hose Div.
Avon Tube Div.
Babcock & Wilcox Co., Tubular Products Div.
Bethlehem Steel Co.
Bundy Tubing Co.
Crucible Steel Co. of America
Hi-Mill Mfg. Co.
Higgins Metal Products Co.
Metals & Controls, Inc.
Moore & Co., Samuel, Dekoron Products Div.
National Tube Div.
Precision Tube Co., Inc.
Revere Copper & Brass, Inc.
Rochester Products Div.
Ryerson & Son, Inc., Joseph T.
Standard Tube Co.
Superior Tube Co.
Tube Form Control, Inc.
U. S. Steel Supply Div.
Youngstown Sheet & Tube Co.

Valves & Valve Parts

Air Relief Valves

Air Devices, Inc.
American Tube & Controls, Inc.
Anderson Co., V. D.
Armstrong Machine Works
Dole Valve Co.
Flair Mfg. Corp.
Garrett Corp.
Hedeman Products, Inc.
Henry Valve Co.
Hubbell Corp.
Imperial-Eastman Corp.
Kerotest Mfg. Co.
Maid-O'-Mist, Inc.
Manning, Maxwell & Moore, Inc.
Metrex Valve Co.
Milwaukee Valve Co., Inc.
Multiplex Mfg. Co., Inc.
OPW-Jordan Div.
Taco Heaters, Inc.
Weatherhead Co.

Ammonia Valves and Fittings

Aircraft Production Engineers
Belt-Ice Corp.
Chip Ice Corp.
Danfoss, Inc.
Dersch, Gesswein & Neuert, Inc.
Frick Co.
Garrett Corp.
Henry Valve Co.
Hubbell Corp.
Kerotest Mfg. Co.
Kohlenberger Engineering Corp.
Ladish Co.
Manning, Maxwell & Moore, Inc.
Marsh Instrument Co.
Mercoid Corp.
Metrex Valve Co.
Phillips & Co., H. A.
Shank Co., Cyrus
Vilter Mfg. Corp.
Vogt Machine Co., Henry
York Div.

Bellows, Flexible Metal

Anaconda Metal Hose Div.
Bridgeport Thermostat Div.
Flexonics
Keflex Mfg.
Manning, Maxwell & Moore, Inc.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Valcor Engineering Corp.

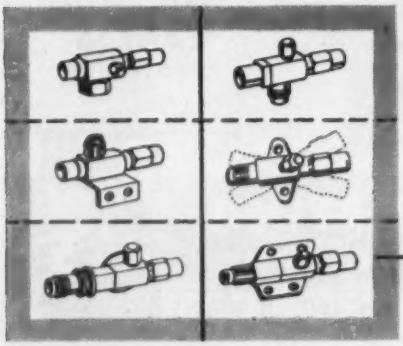
Capillary Valves

Marsh Instrument Co.
Metrex Valve Co.
Watsco, Inc.

Check Valves

American Instrument Co., Inc.
American Machine Products, Inc.
Atlas Valve Co.
Chase Brass & Copper Co.
Chatleff Controls, Inc.
Chip Ice Corp.
Cornelius Co.
Danfoss, Inc.
Dersch, Gesswein & Neuert, Inc.
Frick Co.
Garrett Corp.
Goodrich Industrial Products Co., B. F.
Hammond Valve Corp.
Hedeman Products, Inc.
Henry Valve Co.
Hoerbiger Corp. of America
Hubbell Corp.
Imperial-Eastman Corp.
Jenkins Bros.
Kenmore Machine Products, Inc.
Kerotest Mfg. Co.
Ladish Co.
Lunkenheimer Co.
Manning, Maxwell & Moore, Inc.
Mark & Co., Clayton
Marsh Valve Co.
McDonald Mfg. Co., A. Y.
Mechanical Refrigeration Enterprises
Metrex Valve Co.

(Continued)



PRIMORE VALVES . . .
the Standard of the Industry
for Refrigeration and Air Conditioning

- for Household and Commercial Refrigeration
- for Residential and Automotive Air Conditioning
- for Home and Commercial Freezers
- for Condensers, Evaporators and Receivers
- for Special Refrigeration Application

Write for FREE illustrated catalog

Primore Sales, inc.
P. O. Box "C", Adrian, Mich.

Any way, shape, or form

It's Bundyweld for better refrigeration!

In coils or straight lengths. In condensers, compressors, evaporators, or refrigerant lines. Whatever your application, Bundyweld spells more advantages than any other tubing. It's double-walled from a single steel strip, copper-brazed through 360° of wall contact . . . stronger, lighter weight, easier forming, easier handling.

Bundyweld's double walls mean thinner walls for faster heat conductivity: finer, more dependable performance for the life of your refrigerators, home or commercial freezers, display cases, refrigerated cars, whatever you make that calls for refrigeration tubing.

Foiled by a coil? Then bring that tricky bend to Bundy, where exclusive, patented bending machines can roll out formed tubing parts to perfection, ready for your assembly lines. For the complete Bundyweld story, write: ***Bundy Tubing Company, Detroit 14, Mich.***

Bundyweld® Tubing

DOUBLE-WALLED FROM A SINGLE STRIP

NOTE: the exclusive Bundy-developed beveled edges, which afford a smoother joint, absence of bead, and less chance for any leakage.

SIZES UP TO ⅝" O.D.

See complete addresses in Alphabetic Section, page 25

(Continued)

Milwaukee Valve Co., Inc.
Mueller Brass Co.
Nibco, Inc.
Ohio Brass Co.
OPW-Jordan Div.
Parks-Cramer Co.
Petrometer Corp.
Phillips & Co., H. A.
Primore Sales, Inc.
R-P&C Valve Div.
Schutte & Koerting Co.
Spanco Brass Co.
Squires Co., C. E.
Stokes Corp., F. J.
Superior Refrigerator Mfg. Co., Inc.
Superior Valve & Fittings Co.
Tube Turns Plastics, Inc.
Vilter Mfg. Corp.
Watkins Co., J. E.
Watsco, Inc.
Weatherhead Co.
York Div.

Compressor Shut-Off Valves

American Instrument Co., Inc.
American Machine Products, Inc.
Automatic Machine Products Co.
Belt-Ice Corp.
Danfoss, Inc.
DeZurik Corp.
Frick Co.
Garrett Corp.
Hedeman Products, Inc.
Henry Valve Co.
Hoerbiger Corp. of America
Imperial-Eastman Corp.
Kerotest Mfg. Co.
Lunkenheimer Co.
Metrex Valve Co.
Milwaukee Valve Co., Inc.
Mueller Brass Co.
Primore Sales, Inc.
Republic Flow Meters Co.
Superior Valve & Fittings Co.
Vilter Mfg. Corp.
Weatherhead Co.
York Div.

Constant Pressure Valves

A C & R Components, Inc.
Air Devices, Inc.
Alco Valve Co.
American Instrument Co., Inc.
American-Standard Controls Div.
Atlas Valve Co.
Belt-Ice Corp.
Controls Co. of America, Heating & Air Conditioning Div.
Danfoss, Inc.
Dersch, Gesswein & Neuert, Inc.
Fisher Governor Co.
Garrett Corp.
Hoerbiger Corp. of America
Imperial-Eastman Corp.
Leslie Co.
Manning, Maxwell & Moore, Inc.
Mercoid Corp.
Metrex Valve Co.
OPW-Jordan Div.
Republic Flow Meters Co.
Squires Co., C. E.
Watkins Co., J. E.
York Div.

Expansion Valves

(A—Automatic; T—Thermostatic)

Alco Valve Co. (A, T)
American-Standard Controls Div. (A, T)
Belt-Ice Corp. (A, T)
Controls Co. of America, Heating & Air Conditioning Div. (A, T)
Danfoss, Inc. (A, T)
Eaton Mfg. Co., Heater Div. (T)
Frick Co.
Garrett Corp.
General Controls Co. (T)
Henry Valve Co.
Kerotest Mfg. Co.
McPherson, Inc. (A)
Metrex Valve Co (T)
Partlow Corp.
Refrigerating Specialties Co. (A)
Robertshaw-Fulton Controls Co., Fulton Sylphon Div. (T)
Sporlan Valve Co. (T)
Squires Co., C. E. (A, T)
Watkins Co., J. E. (A)

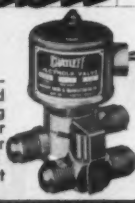
Float Valves

(H—High Side; L—Low Side; W—Water Level)

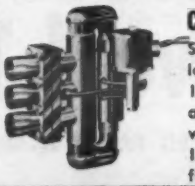
Alco Valve Co. (H)
Arklon Mfg. Co. (W)
Atlas Valve Co. (W)
Austin Mfg. Corp. (W)
Barworth, Inc.
Belt-Ice Corp.
Danfoss, Inc. (H, L)
Econo Products Co., Inc. (W)
Fisher Governor Co.
Flair Mfg. Corp. (W)
Frick Co. (H, L)
General Controls Co. (H, L, W)
Hoffman Specialty Mfg. Corp. (W)
Kerr's "Ther-Mist" Products, Inc. (W)
Maid-O'-Mist, Inc. (W)
McDonnell & Miller, Inc. (W)
Metrex Valve Co. (W)
Phillips & Co., H. A. (H, L)
Reitman Mfg. Co. (W)
Robert Mfg. Co. (W)
Robertshaw-Fulton Controls Co., Fulton Sylphon Div. (W)
Ruggles Klingemann Mfg. Co. (W)
Skuttle Mfg. Co.
TOT Towers Co. (W)
Trane Co.
Vilter Mfg. Corp. (H, L)
Wabash Corp. (H)
York Div. (H, L)

Chatleff
SERVING THE AIR CONDITIONING INDUSTRY
CONTROLS INC

Water Valve
Automatic solenoid, 2-way and 3-way diverting water valves for summer - winter convector control ⅝" flare or sweat fitting.



Reversing Valve
Pilot operated, fully automatic, 4-way reversing valves for defrost and heat pump duty. Immediate action, quiet, dependable—1 ton thru 100 tons.



Check Valve
Sensitive, non-loading, 90° Teflon-seated, liquid or gas check valves. ¼ thru 1⅜ inches, sweat fitting or flare.

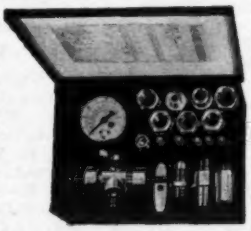
205 INDUSTRIAL BLVD. • P. O. BOX 996 • AUSTIN 66, TEXAS

KEROTEST

VALVES-FITTINGS-ACCESSORIES
for Every Service in
AIR CONDITIONING AND REFRIGERATION

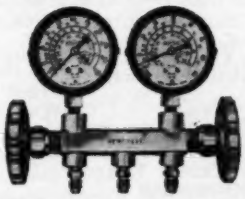
Kerotest top quality Valves, Fittings and Accessories provide everything you need for air conditioning and refrigeration service . . . from one dependable source. Inventory assures prompt delivery. A few of our many products are shown below:

HERMETIC SERVICE KIT



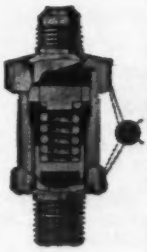
Master valve with special adaptors and stem extensions—no need for a separate valve for each unit serviced. Stainless, hardened stem. durable steel box. Compound gauge optional.

REFRIGERATION TESTING OUTFITS



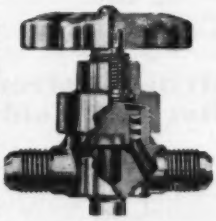
Forged brass, for purging air or gas from lines; charging oil or gas in lines; testing controls; setting expansion valves, etc. End connections meet S.A.E. flare specs.

PRESSURE RELIEF VALVE



Seating material permits use with all refrigerants except ammonia. Sealing qualities meet A.S.M.E. and municipal safety requirements. Pop type relief design provides greater flow capacity, high discharge capacity.

R 224 PACKLESS LINE VALVE



Full flow diaphragm type valve with forged brass body, diaphragms of stainless steel and beryllium copper. A real "shorty" in size . . . ideal for snug areas. Outstanding for vacuum service.

See your Kerotest wholesaler . . . write today for condensed Kerotest catalog No. KB 457.

KEROTEST MANUFACTURING CO.

2525 LIBERTY AVENUE • PITTSBURGH 22, PA.

For specific product listings, see Alphabetic Cross Index at back of Directory

Four-Way Reversing Valves

Alco Valve Co.
Barworth, Inc.
Bridgeport Thermostat Div.
Chatleff Controls, Inc.
General Controls Co.
Hannifin Co.
Metrex Valve Co.
Ranco Inc.
Sporlan Valve Co.

Line Valves

Aircraft Production Engineers
Chase Brass & Copper Co.
Chip Ice Corp.
Danfoss, Inc.
Dersch, Gesswein & Neuert, Inc.
DeZurik Corp.
Eagle Machine & Tool Co.
Fischbach & Moore, Inc.
Frick Co.
Hammond Valve Corp.
Henry Valve Co.
Kerotest Mfg. Co.
Ladish Co.
Leslie Co.
Lunkenheimer Co.
Madden Brass Products Co.
Manning, Maxwell & Moore, Inc.
Mark & Co., Clayton
Marsh Instrument Co.
Marsh Valve Co.
McDonald Mfg. Co., A. Y.
Mechanical Refrigeration Enterprises
Metrex Valve Co.
Mueller Brass Co.
Nibco, Inc.
Ohio Brass Co.
Primore Sales, Inc.
Shank Co., Cyrus
Superior Valve & Fittings Co.
Tube Turns Plastics, Inc.
Vilter Mfg. Corp.
Weatherhead Co.
York Div.

Mixing Valves Hot and Cold Water

Atlas Valve Co.
Barber-Colman Co.
Bastian-Blessing Co.
Danfoss, Inc.
Dole Valve Co.
Fischbach & Moore, Inc.
Garrett Corp.
General Fittings Co.
Ladish Co.
Lawler Automatic Controls, Inc.
Manning, Maxwell & Moore, Inc.
Powers Regulator Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Taco Heaters, Inc.

Motorized Valves

Barber-Colman Co.
Black, Sivalls & Bryson, Inc.
Copes-Vulcan Div.
DeZurik Corp.
Econo Products Co., Inc.
Edwards Engineering Corp.
Fischbach & Moore, Inc.
Flair Mfg. Corp.
Garrett Corp.
General Controls Co.
General Fittings Co.
Hoffman Specialty Mfg. Corp.
Hubbell Corp.
Johnson Service Co.
Kingston-National Controls
Ladish Co.
Leeds & Northrup Co.
Leslie Co.
Lunkenheimer Co.
Mercoid Corp.
Metrex Valve Co.
Minneapolis-Honeywell Regulator Co.
Penn Controls, Inc.
Powers Regulator Co.
Republic Flow Meters Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Ruggles Klingemann Mfg. Co.
Squires Co., C. E.
Taco Heaters, Inc.
Trane Co.
White-Rodgers Co.

Purge Valves

Aircraft Production Engineers
Frick Co.
Hedeman Products, Inc.
Henry Valve Co.
Kerotest Mfg. Co.
Mechanical Refrigeration Enterprises
Milwaukee Valve Co., Inc.
Mueller Brass Co.
Superior Valve & Fittings Co.
Vilter Mfg. Corp.
Watsco, Inc.
York Div.

Receiver Valves

Automatic Machine Products Co.
Danfoss, Inc.
Frick Co.
Henry Valve Co.
Kerotest Mfg. Co.
Leslie Co.
Lunkenheimer Co.
Mueller Brass Co.
Primore Sales, Inc.
Superior Valve & Fittings Co.
Vilter Mfg. Corp.
Weatherhead Co.
York Div.

Service Shut-Off Valves

Automatic Machine Products Co.
Black, Sivalls & Bryson, Inc.
Danfoss, Inc.
DeZurik Corp.
Frick Co.
General Controls Co.
Hammond Valve Corp.
Henry Valve Co.
Kerotest Mfg. Co.
Lunkenheimer Co.
Manning, Maxwell & Moore, Inc.
Mark & Co., Clayton
McDonald Mfg. Co., A. Y.
Hetrex Valve Co.
Milwaukee Valve Co., Inc.
Nibco, Inc.
Ohio Brass Co.
Primore Sales, Inc.
R-P&C Valve Div.
Superior Valve & Fittings Co.
Vilter Mfg. Corp.

Solenoid Valves

(G—Gas; R—Refrigerant; W—Water)

Alco Valve Co. (R, W)
American-Standard Controls Div. (G, R, W)
Atkomatic Valve Co., Inc. (G, R, W)
Automatic Switch Co. (G, R, W)
Chatleff Controls, Inc. (W)
Controls Co. of America, Heating & Air Conditioning Div. (G, R, W)
Danfoss, Inc. (G, R, W)
Dole Valve Co. (W)
Garrett Corp. (G, R)
General Controls Co. (G, R, W)
Gorman-Rupp Industries, Inc. (W)
Gould Co., J. D. (R, W)
Grayson Controls Div. (G)
Hannifin Co.
Hays Mfg. Co. (W)
Hedeman Products, Inc.
Hubbell Corp. (R, W)
Jackes-Evans Mfg. Co. (G, R, W)
Mark & Co., Clayton (R)
McCorkle Co., D. H. (G, W)
McDonnell & Miller, Inc. (W)
Marsh Instrument Co. (G, R, W)
Mercoid Corp. (G, R, W)
Metrex Valve Co. (G, R, W)
Minneapolis-Honeywell Regulator Co. (G, W)
Penn Controls, Inc. (G, W)
Phillips & Co., H. A. (R)
Primore Sales, Inc. (R)

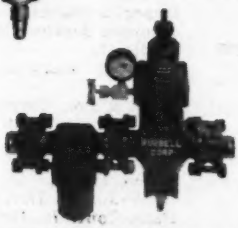
(Continued)

HUBBELL CONTROLS
for
Refrigeration
Air Conditioning
and
Industrial
Application

Perform "SERVICE FREE"

SOLENOID VALVES
for ALL
REFRIGERANTS . . .
Ammonia, Freon 11-12-22,
Carene 7 for Water,
Brine, Oil, Gas and
Chemicals

THREE-WAY
SOLENOID VALVE
for ALL
REFRIGERANTS . . .
Ammonia, Freon
11-12-22,
Carene 7



BACK PRESSURE REGULATING VALVES
(conventional and sub-atmospheric —
thermal, electric, air operated)

This, you will find, is first hand experience of the users of *Hubbell Controls* and based on years of usage in most cases. *Hubbell Controls* are designed and produced to a "Pride of Perfection" that starts with the basic design and follows thru each step of production . . . from castings to finished controls . . . to be fully realized by skilled craftsmen and a quality control that has no compromise.

Castings poured in Hubbell's wholly-owned foundry are precision finished; assembled with rugged, dependable components; thoroughly tested; and fully inspected to assure *service free* controls for long working life and to eliminate downtime and production losses.

When you need *Controls* for refrigeration, air conditioning and industrial applications . . . you can depend on Hubbell every time for easy operation and long trouble-free life. "Hubbell" on your controls, means you have the best, and you'll know it!

Write for the Hubbell *Guide* to Proper Selection of Controls for optimum performance . . . it will enable you to choose the right Hubbell Controls for every application.

Hubbell engineers are well equipped to furnish you qualified recommendations for your refrigeration, air conditioning and industrial applications CONTROL *problems. Send full details for specific answers to Dept. F.*

SYMBOL OF HUBBELL PRECISION CONTROLS

HUBBELL CORPORATION
MUNDELEIN, ILLINOIS

Controls for Refrigeration, Air Conditioning and Industrial Applications

• BACK PRESSURE REGULATOR VALVES • DUAL PRESSURE REGULATOR VALVES •
• AUTOMATIC SUCTION STOP VALVES • SOLENOID VALVES • GAUGES •
• SAFETY RELIEF VALVES • 3-WAY REVERSING VALVES

"Casting to finished controls . . . every inch HUBBELL!"

See complete addresses in Alphabetic Section, page 25

(Continued)

Ranco Inc. (R)
Refrigerating Specialties Co.
Ruggles Klingemann Mfg. Co. (G, W)
Skinner Electric Valve Div. (G, R, W)
Sporlan Valve Co. (R, W)
Valcor Engineering Corp. (G, R, W)
Watkins Co., J. E.
White-Rodgers Co. (G)

Suction Pressure Regulating Valves

Alco Valve Co.
American-Standard Controls Div.
Controls Co. of America, Heating & Air Conditioning Div.
Danfoss, Inc.
Kerotest Mfg. Co.
Leslie Co.
OPW-Jordan Div.
Primore Sales, Inc.
Refrigerating Specialties Co.
Republic Flow Meters Co.
Squires Co., C. E.

Suction Pressure Throttling Valves

A C & R Components, Inc.
Controls Co. of America, Heating & Air Conditioning Div.
Danfoss, Inc.
Hubbell Corp.
Kerotest Mfg. Co.
Leslie Co.
McPherson, Inc.
Metrex Valve Co.
Refrigerating Specialties Co.
Republic Flow Meters Co.

Temperature Control Valves

Atlas Valve Co.
Barber-Colman Co.
Black, Sivalls & Bryson, Inc.
Chatleff Controls, Inc.
Controls Co. of America, Heating & Air Conditioning Div.
Danfoss, Inc.
Dole Valve Co.
Fischbach & Moore, Inc.
Garrett Corp.
General Controls Co.
Grayson Controls Div.
Hoffman Specialty Mfg. Corp.
Imperial-Eastman Corp.
Johnson Service Co.
Lawler Automatic Controls, Inc.
Leeds & Northrup Co.
Leslie Co.
Manning, Maxwell & Moore, Inc.
Marsh Instrument Co.
McCorkle Co., D. H.
Metrex Valve Co.
OPW-Jordan Div.
Partlow Corp.
Powers Regulator Co.
Republic Flow Meters Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Ruggles Klingemann Mfg. Co.
Squires Co., C. E.
Sterling, Inc.
Taco Heaters, Inc.
Thermal Controls, Inc.
Trane Co.
Vic Mfg. Co.
White-Rodgers Co.

Three-Way Dual Control Valves

Aircraft Production Engineers
Chip Ice Corp.
Eagle Machine & Tool Co.
Econo Products Co., Inc.
Fisher Governor Co.
Garrett Corp.
Hannifin Co.
Henry Valve Co.
Hubbell Corp.
Leslie Co.
Mercoid Corp.
Metrex Valve Co.
Ohio Brass Co.
Schutte & Koerting Co.
Shank Co., Cyrus
Squires Co., C. E.

Two-Temperature Valves

Controls Co. of America, Heating & Air Conditioning Div.
Danfoss, Inc.
General Controls Co.
Metrex Valve Co.
Squires Co., C. E.

Valve Manifolds

Airserco Mfg. Co.
Danfoss, Inc.
Flair Mfg. Corp.
Frick Co.
Hi-Lo Valve Co.
Kerotest Mfg. Co.
Milwaukee Valve Co., Inc.
Petrometer Corp.
Republic Flow Meters Co.
Superior Valve & Fittings Co.

Valve Plates, Compressor

Chicago Valve Plate & Seal Co.
Detroit Stamping Co.
Frick Co.
Hoerbiger Corp. of America Rotary Seal Div.
Warriner Hermetics, Inc.
Wholesale Hermetic Compressor Exchange, Inc.

Valve Reeds, Compressor

Detroit Stamping Co.
Hoerbiger Corp. of America
Irving Valve Plates, Bill
Sealed Unit Parts Co., Inc.
Warriner Hermetics, Inc.
Watsco, Inc.

Valve Tags, Numbered Brass

Chase Brass & Copper Co.
Seton Name Plate Co., Inc.

Water Regulating Valves

Atlas Valve Co.
Barber-Colman Co.
Controls Co. of America, Heating & Air Conditioning Div.
Danfoss, Inc.
DeZurik Corp.
Fisher Governor Co.
General Controls Co.
Hammond Valve Corp.
Hoffman Specialty Mfg. Corp.
Imperial-Eastman Corp.
Johnson Service Co.
Leslie Co.
Manning, Maxwell & Moore, Inc.
Mark & Co., Clayton
Marsh Instrument Co.
McIntire Co.
Metrex Valve Co.
Nibco, Inc.
OPW-Jordan Div.
Penn Controls, Inc.
Powers Regulator Co.
Refrigerating Specialties Co.
Republic Flow Meters Co.
Squires Co., C. E.
Sterling, Inc.
White-Rodgers Co.

Zone Control Valves

American Air Filter Co., Inc.
Barber-Colman Co.

(Continued)

TRIANGLE COMMERCIAL COPPER TUBING MEETS CUSTOMER SPECIFICATIONS!

Consult Triangle for "made-to-order" copper tubing that meets *your* particular requirements. Triangle will produce tubing to exact specified tolerances, with a complete range of sizes, wall thicknesses, lengths, end treatments, tempers and packaging.

SCOPE: 1/8" O.D. x .016 wall to 4" O.D. x .238 wall
END TREATMENT: Flared, Expanded, Swaged, Sealed, Capped
TEMPERS: Soft Annealed, Light Annealed, Light Drawn, Hard Drawn plus other special tempers.
APPLICATIONS: Air Conditioners, Refrigeration Equipment and Specialties, Baseboard Radiation, Water Heaters, Pneumatic Lines, Heat Exchangers, Vending Machines, Temperature Controls, Automotive Specialties, Plumbing Specialties, Boilers, Hydraulic Control Lines, Unit Heaters, Radiators, Water Coolers, Cooling Towers, Dehumidifiers.

OTHER TRIANGLE QUALITY COPPER TUBING

• Refrigeration Tube • Air Conditioning & Refrigeration Tube (ACR) • Water Tube (Types K, L, M) • Drainage, Waste & Vent Tube (DWV) • Automotive & General Service Tube • Threadless Copper Pipe

For full technical information on Triangle Commercial Tube, Refrigeration Tube, ACR or other types of Triangle Copper Tube, write for free catalogs:

BRASS & COPPER TUBE DIVISION
TRIANGLE CONDUIT & CABLE CO., INC.
NEW BRUNSWICK, NEW JERSEY
It MUST Be Right!

For specific product listings, see Alphabetic Cross Index at back of Directory

(Continued)

Danfoss, Inc.
Econo Products Co., Inc.
Edwards Engineering Corp.
Flair Mfg. Corp.
General Controls Co.
General Fittings Co.
Hays Mfg. Co.
Hoffman Specialty Mfg. Corp.
Jackes-Evans Mfg. Co.
Johnson Service Co.
McCorkle Co., D. H.
Milwaukee Valve Co., Inc.
Ohio Brass Co.
Powers Regulator Co.
Robertshaw-Fulton Controls Co., Fulton Sylphon Div.
Squires Co., C. E.
Taco Heaters, Inc.
White-Rodgers Co.

Vanes, Duct Turning

Barber-Colman Co.
Cain Mfg., Inc.
Duro-Dyne Corp.
Independent Register Co.

Vapor Barrier Materials

Alumiseal Corp.
Anaconda American Brass Co.
Silvercote Products, Inc.
United Mineral & Chemical Corp.
Witco Chemical Co., Inc., Pioneer Products Div.

Vending Machines, Refrigerated

Bulk Milk Venders

Girton Mfg. Co.
Glasco Corp.
Rudd-Melikian, Inc.

Food Venders

Blissfield Mfg. Co.
Brown Mfg. Co., Inc., K. G.
Cole Vending Industries, Inc.
Glasco Corp.
Rudd-Melikian, Inc.
Tyson Metal Products, Inc.

Ice Cream Venders

Brown Mfg. Co., Inc.
Brown Mfg. Co., Inc., K. G.
Sweden Freezer Mfg. Co.

Ice Maker-Venders

Lingle Refrigerator Co., Inc.
North American Vending Mfg. Corp.
U. S. Vending Corp.
Whirlpool Corp.

Ice Venders

American Automatic Ice Machine Co.
Brown Mfg. Co., Inc., K. G.
Chase Industries, Inc.
Cole Vending Industries, Inc.
Council Mfg. Corp.
Enviro Equipment Corp.
Hilson, Inc.
Lingle Refrigerator Co., Inc.
Mannhardt & Son, Inc., W.
North American Vending Mfg. Corp.
Ross-Temp, Inc.
S & S Machinery Co.
S & S Vending Machine Co.
Scotsman, Queen Products Div.
Williams Refrigeration, Inc.
York Div.

Soft Drink Venders

Blissfield Mfg. Co.
Brown Mfg. Co., Inc.
Cole Vending Industries, Inc.
Continental APCO, Inc.
Cornelius Co.
General Vending Machine Corp.
Glasco Corp.
Heat Exchangers, Inc.
Jennings Co., O. D.
La Crosse Cooler Co.
Multiplex Co.
Rudd-Melikian, Inc.
S & S Products, Inc.
Scotsman, Queen Products Div.
Specialty Engineering Corp.
Superior Refrigerator Mfg. Co., Inc.
Sweden Freezer Mfg. Co.
Vendorlator Mfg. Co.

Venturies, Fan

Ammerman Co., Inc.
Bertram Co., Harvey P.
Revcor, Inc.
Rich Fan Mfg. Co., Inc., Phil
Sheldons Mfg. Corp.
Stamford Fan Co., Inc.
Standard Electric Mfg. Co., Inc.
Ventco, Inc.

Vibration Absorbers, Line

Allied Metal Hose Co.
Anaconda Metal Hose Div.
Cobra Metal Hose Div.
Flexonics
Garlock, Inc.
General Tire & Rubber Co.
Goodall Rubber Co.
Hoffman Specialty Mfg. Corp.
Johnson Metal Hose, Inc.
Keflex Mfg.
Korfund Co., Inc.
Packless Metal Hose, Inc.
Resistoflex Corp.
Techniflex
Vibration Mountings & Controls, Inc.
Wilson, Inc., Grant

Vibration Eliminating Pads, Bases

Barry Controls, Inc.
General Tire & Rubber Co.
Goodall Rubber Co.
Goodrich Industrial Products Co., B. F.
Kensico Tube Co.
Korfund Co., Inc.
Lord Mfg. Co.
Raybestos-Manhattan, Inc.
Vibration Eliminator Co., Inc.
Vibration Mountings & Controls, Inc.
Witco Chemical Co., Inc., Pioneer Products Div.

Wall Louvers

Burt Mfg. Co.
Cain Mfg. Co.

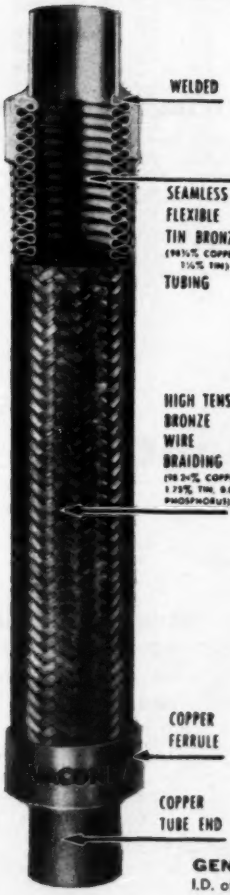
Water Filters and Purifiers

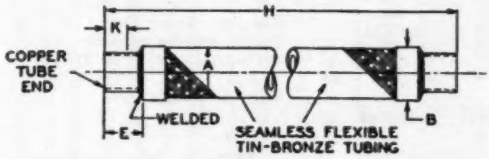
B-I-F Industries, Inc.
Barnebey-Cheney Co.
Blons & Co., M. J.
Buhring Water Purifying Co.
Calgon Co.
Commercial Filters Corp.

(Continued)

ANACONDA® VIBRATION ELIMINATORS

for the important job of CONVEYING REFRIGERANTS and minimizing transfer of VIBRATION and NOISE





ENGINEERING DATA

TO FIT COPPER TUBE		Flexible TUBING	DIMENSIONS (See Drawing Above)				
Actual O.D.	Nom.	I.D.	H ± ¼	A Max.	B Max.	E ± ⅛	Part No.
¼	⅛	3/16	7	½	9/16	½	3618F
¼	⅛	¼	7-½	9/16	⅝	½	1418F
⅜	¼	5/16	8-¼	11/16	¾	⅝	5614F
½	⅜	⅜	9	¾	⅞	¾	3838F
⅝	½	½	9-¾	1	1-⅛	⅞	1212F
¾	⅝	½	10	1	1-⅛	1	1258F
¾	⅝	¾	11-¼	1-⅜	1-½	1-⅛	3458F
⅞	¾	¾	11-½	1-⅜	1-½	1-¼	3434F
1-⅛	1	1	13	1-⅝	1-⅞	1-½	1010F
1-⅜	1-¼	1-¼	14-¾	2-⅛	2-¼	1-⅝	5454F
1-⅝	1-½	1-½	17	2-¼	2-⅜	2	6464F
2-⅛	2	2	20	3-⅛	3-¼	2-½	2020F
2-⅝	2-½	2-½	24	3-¾	3-⅞	3	5252F
3-⅛	3	3	27	4-⅜	4-½	3-½	3030F
3-⅝	3-½	3-½	32	5	5-⅛	4	7272F
4-⅛	4	4	33	5-⅝	6	4-½	4040F
5-⅛	5	5	41	6-¾	7-⅛	5-½	5050F
6-⅛	6	6	49	7-¾	8-⅛	6-½	6060F
8-⅛	8	8	62	9-¾	10-⅛	7	8080F

GENERAL NOTES

I.D. of copper tube ends for depth "K" meets ASA Std. B16.18-1950 and ASA B16.22-1951.
Braid: sizes through 1½" I.D. have one signal bronze wire braid
☐ 2" I.D. and larger are double-braided with signal bronze wire for extra strength and protection.
3"-3030FH and all larger Vibration Eliminators are soldered under the ferrules after welding.
Copper tube ends on sizes above 3" are commercial parts and "E" and "H" may exceed tolerances shown.
Vibration Eliminators are also available with male ends. Write for specifications.

ANACONDA Vibration Eliminators are stocked by Leading Wholesalers

ANACONDA METAL HOSE DIVISION
ANACONDA AMERICAN BRASS COMPANY
WATERBURY 20, CONNECTICUT

See complete addresses in Alphabetic Section, page 25

(Continued)

Cuno Engineering Corp.
Everpure, Inc.
Filtrine Mfg. Co.
Hedeman Products, Inc.
Kol-Flo Corp.
Lancaster Pump & Mfg. Co., Inc.
McIntire Co.
Myers & Bros. Co., F. E.
Permutit Co.
Stiles Karlsonite Corp.
Universal Water Softener Co.
Wallace & Tiernan, Inc.
Wayne Home Equipment Co., Inc.

Welding Rod

All-State Welding Alloys Co., Inc.
American Brazing Alloys Corp.
Anaconda American Brass Co.
Becker Bros. Carbon Co.
Dalweld Co., Inc.
Krembs & Co.
Linde Co.
Liquid Carbonic Div.
Ohio Carbon Co.
Titan Metal Mfg. Co.

Wire, Electric

Essex Wire Corp.
Lyall Electric, Inc.
National Electric Div.
National Tube Div.
Pacific Electricord Co.
Springfield Wire & Tinsel Co.
Wire & Cable Div.

Wire Forming Specialties

Collis Co.
Heatron, Inc.
Metals & Controls, Inc.
United Steel & Wire Co.
Ventco, Inc.
Wall Tube & Metal Products Co.

Wire, Resistance

Engelhard Industries, Inc.
Springfield Wire & Tinsel Co.

Wiring Harnesses

Capitol Refrigeration, Inc.
Hedeman Products, Inc.
National Electric Div.
Pacific Electricord Co.
Riverside Electrical Mfg. Co.
Springfield Wire & Tinsel Co.
Unilectric, Inc.

Parts and Equipment Wholesalers

Listed in Geographic Order

The editors have made every effort to make this listing as complete as possible, however, it is not implied that all wholesalers are listed herein. Information on types of supplies handled has been provided by the wholesalers themselves. The editors could not possibly verify the claims as to the status of the below listed firms.

Key to Supplies Handled by Individual Wholesalers:

R—Basic line of Refrigeration Supplies
A—Basic line of Air Conditioning Supplies
H—Basic line of Heating Supplies

(†Indicates main office. *Denotes branch office.)

ALABAMA

BIRMINGHAM

*Budlock Refrigeration Supply Co., Inc.
210 18th St. S. (A,H,R)
Phone: FA. 4-2544.
Manager: Herman Remke.

Hinkle Supply Co., Inc. (A,H)
2923 Fifth Ave. S. Phone: FA. 2-4541.
President: B. L. Hinkle, Jr.

*Noland Co., Inc. (A,H)
2204 First Ave., S. Zone 1.
Phone: FAirfax 3-6322.
Manager: J. W. Doggett, Jr.

Refrigeration Supplies Distributor (A,R)
928 N. 28th St., Zone 4.
Phone: FA. 4-6515.
Manager: Robert Gennett.

(Continued)

PACKLESS VIBRATION ABSORBERS

Engineered and constructed for complete and lasting absorption of vibration and noise.

Manufactured of Seamless Flexible Bronze Hose — Bronze Wire Braid Covering — Sizes 3/16" thru 6".

—Made to exceed standards established by Original Equipment Manufacturers.—

—Listed by Underwriters' Laboratories, Inc.—

—Available from Leading Wholesalers—

Complete stocks maintained at Factory and Warehouses located at:

New York, N. Y. Fort Worth, Texas Minneapolis, Minn.
Atlanta, Georgia Los Angeles, Calif. Chicago, Illinois

Quality Products and Dependable Service for over 25 years

PACKLESS METAL HOSE, INC.

DIVISION OF U. S. EXPANSION BOLT CO.

500-13 STATE ST. • YORK, PENNA. • BOX 1589

BUY QUALITY BUY • PACKLESS METAL HOSE • PM HOSE • PIONEERS IN METAL HOSE FOR OVER A QUARTER OF A CENTURY

Request Bulletin VA for Complete Information

ALABAMA

BIRMINGHAM (Continued)

Shook & Fletcher Supply Co. (A,H)
2915 10th Ave. No. Phone: FA. 2-6722.
Manager Wholesale Dept.: O. Alan Jared.

The Geo. F. Wheelock Co. (A,H,R)
3017 S. Second Ave., Zone 5.
Phone: ALpine 1-5268.
President: George F. Wheelock, Sr.

Wittichen Supply Co. (A,H,R)
1600 Third Ave., So., Zone 5.
Phone: AL. 1-8203.
Owner: Carl F. Wittichen.
Manager: D. L. Daily.

DECATUR

*Noland Co., Inc. (A,H)
616 Church St., N. E.
Phone: ELgin 3-2061.
Manager: J. S. Stutts.

DOTHAN

Hand Supply Co., Inc. (A,H,R)
705 S. Oates St. Phone: SY. 3-2148.
President: Henry D. Hand.

GADSDEN

*Noland Co., Inc. (A,H)
224 N. Fourth St. Phone: LI. 6-0401.
Manager: H. B. Brooks.

HUNTSVILLE

*Budlock Refrigeration Supply Co., Inc.
3018 Vanderbilt Dr. (A,H,R)
Phone: JE. 9-1773.
Manager: David Hastie.

MOBILE

*Enochs Sales Co., Inc. (A,R)
759 Dauphin St. Phone: HEmlock 3-8478.
Manager: N. G. McShea.

Harris Supply Co., Inc. (A,H,R)
10-12 N. Water St. Phone: HE. 2-0541.
President: M. T. Harris.

Mobile Supply Co. (A,H,R)
2694 New Hi Way 90 W. Phone: 473-4456.
General Manager: W. Gene Gwin.

†Refrigeration Supply Co., Inc. (A,H,R)
3108 Old Shell Rd. Phone: 471-3321.
President: D. P. Breland.

*Refrigeration Supply Co., Inc. (A,H,R)
650 St. Francis St. Phone: HE. 2-0781.
Manager: Cecil O. Burt.

MONTGOMERY

*Noland Co., Inc. (A,H)
215 N. Perry St., Zone 2. Phone: 265-1571.
Manager: J. W. Fargis.

R & H Supply Co. (A,H,R)
662 S. McDonough St., Zone 5.
Phone: 262-2871.
President: W. Howard Williams.

ARIZONA

PHOENIX

†Arizona Refrigeration Supplies, Inc.
P.O. Box 4127, 20 S. 17th St. (A,H,R)
Phone: 254-6633.
President: W. C. Miessemer.

†Authorized Supply of Arizona (A,H,R)
1734 N. 22nd Ave. Phone: AL. 8-5757.
Vice President: E. C. Mitchell.

*Pacific Metals Co., Ltd. (A,R)
705 W. Jefferson. Phone: AL. 8-7821.
H. Angstead.

TUCSON

*Arizona Refrigeration Supplies, Inc.
2041 E. 13th St. (A,H,R)
Phone: MA. 4-4435.
Manager: James E. Cromwell.

*Authorized Supply of Arizona, Inc.
117 N. Bean Ave. (A,H,R)
Phone: MA. 3-5887.
Manager: Jack Kopp.

YUMA

*Arizona Refrigeration Supplies, Inc.
1480 Second Ave. (A,H,R)
Phone: SU. 3-7819.
Manager: Max Romero.

ARKANSAS

FAYETTEVILLE

*Central Supply Co. (A,H,R)
420 Watson. Phone: HI. 2-5011.

FORT SMITH

†Central Supply Co. (A,H,R)
56 S. Sixth St. Phone: SU. 2-4053.
President: W. L. Neislar.

LITTLE ROCK

555, Inc., Air Cond. & Heating Div.
1300 Chester. Phone: FR. 4-8241. (A,H,R)
Vice Pres. & Manager: Harry Tschumi, Jr.

Refrigeration & Electric Supply Co.
1222 Spring. FR. 4-6373. (A,H,R)
President: Carl H. Miller.

PINE BLUFF

555, Inc. (A,H,R)
Seventh & Walnut Sts.

CALIFORNIA

ANAHEIM

Authorized Supply Corp.
1815 Raymond Ave.

BAKERSFIELD

Refrigeration Supplies Distributor
530 E. 18th St.

*Tay-Holbrook, Inc. (A,H)
P.O. Box 3038.
Manager: Herbert Baron.

(Continued)

CALIFORNIA

(Continued)

BERKELEY

Rauch & Monroe (A,R)
1890 Alcatraz Ave., Zone 3.
Phone: OLympic 3-2015.
James O. Monroe.

CULVER CITY

Ashburn Supply Co. (A,H,R)
8468 Warner Dr. Phone: UP. 0-4764.
General Manager: Glenn A. Ashburn.

EL CENTRO

*Allied Refrigeration Suppliers, Inc.
1248 State St. Phone: EL. 2-3931. (A,H,R)
Manager: Robert Smalling.

Refrigeration Supplies Distributor
227 No. Eighth St.

EUREKA

*Tay-Holbrook, Inc. (A,H)
P.O. Box 174.
Manager: Sheldon Whiting.

FRESNO

*California Refrigerator Co. (A,R)
1105 Belmont Ave., Phone: AM. 8-4597.
Manager: Bill Nute.

*Lillard Co. (A,H)
1801 McKinley Ave. Phone: AM. 6-8169.
Manager: George McMahan.

P. A. L. Distributors (A,H,R)
1550 N. Clark St., Zone 3.
Phone: AMherst 8-8416.
Manager: Douglas E. Chappell.

*Tay-Holbrook, Inc. (A,H)
P.O. Box 1866.
Manager: Wm. C. Olsen.

*Thermal Products, Inc. (A,H,R)
720 Belmont St., Zone 1.
Phone: AM. 6-0646.
Manager: A. H. Brundage.

Valley Air Conditioning Supply Co. (A,H)
1497 N. Blackstone Ave., Zone 3.
Phone: AMherst 8-5095.
President: John P. Lamborn.

LONG BEACH

†L. B. Marsh Allied Refrigeration, Inc.
730 W. Esther St. (A,R)
Phone: HE. 5-6371.
R. L. Nichols.

LOS ANGELES

†Air Cold Sales, Inc. (A,H,R)
1327 S. Atlantic Blvd., Zone 22.
Phone: AN. 9-2187.

*Air Cold Sales, Inc. (A,H,R)
1109 S. LaBrea, Zone 19.
Phone: WE. 1-1837.
Manager: William A. Pogue.

†Air Conditioning Supply Co. (A)
137 S. Anderson St., Zone 33.
Phone: AN. 9-7454.
President: Lind Davenport.

†Arrow-Risco, Inc. (A,H,R)
237 W. 32nd St., Zone 7.
Phone: RI. 9-6581.
President: Ken Bird.

Authorized Supply Corp. (A,H,R)
1514 S. Maple Ave., Zone 15.
Robert E. Shaw.

Brea Supply Co. (A,H,R)
5353 W. Pico Blvd. Phone: WE. 5-1237.
Manager: H. J. Davis.

Burke Engineering Co. (A,H,R)
1824 S. Burlington Ave., Zone 6.
Phone: RIchmond 9-6144.
President: Jack W. Burke.

Climate Control International, Inc.
137 S. Anderson St., Zone 33. (A,H,R)
Phone: AN. 8-8476.
President: A. Andrew Gonzales.

Harry F. Haldeman, Inc. (A,H)
2401 South Hill St., Zone 7.
Phone: RIchmond 7-7321.
President: Harry F. Haldeman.

George T. Hall Co. (A,H)
5623 W. Washington Blvd., Zone 16.
Phone: WE. 6-7105.
Owner: George T. Hall.

(Continued)

555 INC.
AIR CONDITIONING & HEATING DIVISION
REFRIGERATION SUPPLIES
1300 CHESTER STREET LITTLE ROCK, ARKANSAS PHONE FR 4-8241
"Arkansas' Oldest and Most Modern Wholesaler"
COMPLETE ONE STOP SERVICE

CALIFORNIA

LOS ANGELES (Continued)

K & B Distributors & Mfg. (A,H)
1335 So. Eastern, Zone 22.
Phone: AN. 8-2681.
Ray V. Brown and Clarence Knapp.

*Motors & Armatures, Inc., Relay Div.
2711 S. Hill St. (A,H,R)
Phone: RI. 8-2184.
Manager: Kurt Rose.

*Pacific Metals Co., Ltd. (A,R)
2187 S. Garfield, Zone 22.
Phone: RA. 3-5431.
Vice President: G. B. Harbster.

The Prentiss Corp. (A,H)
4625 Charter St.
President: Edward A. Myers.

Refrigeration Service, Inc. (A,H,R)
611 N. Virgil Ave. Phone: NO. 3-2237.
Manager: Harry D. Schneider.

Refrigeration Supplies Distributor
3464 W. First St.

Reliable Steel Supply Co. (A,H,R)
740 East 111th Pl., Zone 59.
Phone: PLymouth 6-8111.
Vice President: M. N. Graham.

Smallcomb Electric Co. (A,H)
1120 S. Main St., Zone 15.
Phone: RI. 7-0221.
President: C. T. Smallcomb.

†Thermal Products, Inc. (A,H,R)
329 Glendale Blvd., Zone 26.
Phone: DU. 5-3491.
President: Peter H. Askew.

*Thermal Products, Inc. (A,H,R)
1116 S. Atlantic Blvd., Zone 22.
Manager: Murrell B. Murray.

United Refrigeration Corp. (A,R)
514 W. 12th St., Zone 15.
Phone: RI. 8-5266.
Alfred L. Lee.

MODESTO

Slakey Bros. Modesto, Inc. (A,H)
529 Kansas Ave. Phone: LA. 2-7287.
Robert Slakey.

NORTH HOLLYWOOD

*Air Cold Sales, Inc. (A,H,R)
5006 Vineland Ave. Phone: PO. 6-8105.
Manager: James W. Frantz.

*Arrow-Risco, Inc. (A,H,R)
10903 Chandler Blvd. Phone: TR. 7-5259.

OAKLAND

*California Refrigerator Co. (A,R)
2707 Wood St., Zone 7. Phone: HI. 4-8060.
Manager: Jim Winslow.

*Hinshaw Supply Co. (A,R)
3409 Telegraph Ave., Zone 9.
Phone: OLympic 2-4713.
Manager: Charles Hall.

Slakey Bros. Oakland, Inc. (A,H)
791 66th Ave.
Vice President: Everett J. Welliver.

†Stove Plumbers Supplies Co. (A,H)
77 Eighth St., Zone 7. Phone: HI. 4-1143.
President: J. Solomon.

†Wm. Wurzbach Co. (A,R)
1951 E. 14th St., Zone 6.
Phone: AN. 1-0217.
President: Wm. Wurzbach.

PALM SPRINGS

*Valley Refrigeration Supply Co., Inc.
4780 E. Sunny Dunes Rd. (A,H,R)

RIVERSIDE

Refrigeration Supplies Distributor
2575 Main St.

Soden Wholesale Air Conditioning (A)
2350 Mulberry St. Phone: OVerland 4-7272.
President: J. Clyde Soden.

SACRAMENTO

*Acme Refrigeration Supply Div. of
Refrigerating & Power Specialties Co.
2124 19th St., Zone 18. (A,H,R)
Phone: HI. 6-7578.
Manager: Virgil Kozlowski.

Associated Refrigeration & Equipment Co.
1717 Eye St. Phone: GI. 2-2936. (A,R)
Owner: C. E. Baker.

*Hinshaw Supply Co. (A,R)
19th & S Sts., Zone 14.
Phone: GIlbert 3-5941.
Manager: Walter Tis.

*Lillard Co. (A,H)
1929 X St. Phone: GL. 2-2873.
Manager: Ralph Williams.

Slakey Brothers, Sacramento, Inc. (A,H)
1400 North C St.
President: Roger L. Slakey.

*Tay-Holbrook, Inc. (A,H)
P.O. Box 897.
Manager: Robert Boemer.

SALINAS

*Tay Holbrook, Inc. (A,H)
P.O. Box 969.
Manager: Roy Lauterwasser.

SAN BERNARDINO

Blake Air Conditioning-Plumbing &
Supply Co. (A,H,R)
911 S. "E" St. Phone: TU. 7-8721.
President: Bill Blake.

*L. B. Marsh Allied Refrigeration (A,R)
106 N. "F" St. Phone: TU. 4-1885.
Manager: Joseph Mura.

(Continued)

CALIFORNIA

SAN BERNARDINO (Continued)

The Prentiss Corp. (A)
824 W. Mill St. Phone: TUrner 4-1821.
Vice President: Joseph O. Brzezinski.

†Valley Refrigeration Supply Co., Inc.
P.O. Box 349, 701 Adell St. (A,H,R)
President: Charles R. Olbright.

SAN CARLOS

*Tay-Holbrook, Inc. (A,H)
P.O. Box 818.
Manager: Geo. O'Leary.

SAN DIEGO

*Air Conditioning Supply Co. (A)
1179 Knoxville St., Zone 10.
Manager: Frank Antelline.

†Allied Refrigeration Suppliers, Inc.
705 14th St. Phone: BE. 3-6381. (A,H,R)
President: Roland W. Nicol.

*Pacific Metals Co., Ltd. (A,R)
1248 'K' St. Phone: BE. 4-3253.
R. W. Fuller.

Phillips Refrigeration Supplies, Inc. (R)
1835 Imperial Ave., Zone 2.
Phone: BElmont 4-3325.
Owner: O. G. Phillips.

Refrigeration Supplies Distributor
432 11th Ave.

Southwest Supply Co. (A,H)
510 Eighth Ave., Zone 4.
Phone: BElmont 3-6621.
Sales Mgr. & Co-Owner: Stewart A. Bayne.

SAN FRANCISCO

*California Refrigerator Co. (A,R)
1088 Howard, Zone 3.
Phone: MA. 1-7500.
Manager: David Meikle; Norman Edwards.

Davidson Supply Co. (A,R)
1339 Fairfax Ave., Zone 24.
Phone: MIssion 8-7676.
Owner: Wm. F. Davidson.

†Hinshaw Supply Co. (A,R)
169 11th St., Zone 3. Phone: HE. 1-2376.
President: R. L. Hinshaw.

†Pacific Metals Co., Ltd. (A,R)
1900 Third St., Zone 7. Phone: UN. 3-5600.
Vice President: B. E. Watters.

†Refrigerating & Power Specialties Co.
380 Brannan St., Zone 10. (A,H,R)
Phone: EX. 2-4000.
Vice Pres. & Gen. Mgr.: N. W. Edwards.

*Stove Plumbers Supplies Co. (A,H)
453 Bryant St.
Manager: J. Calvert.

†Tay-Holbrook, Inc. (A,H)
165 Eighth St., Zone 1. Phone: MA. 1-6800.
General Sales Manager: E. F. Kern, Jr.

SAN GABRIEL

*Arrow-Risco, Inc. (A,H,R)
534 W. Mission Dr.

SAN JOSE

*Lillard Co. (A,H)
90 Pullman Way
Manager: Hal Ward.

A. G. Pond Co. (A,R)
495 W. Julian St., Zone 6.
President: A. G. Pond.

Slakey Bros. San Jose, Inc. (A,H)
801 Savaker St. Phone: CY. 7-6550.
George Albers.

*Tay-Holbrook, Inc. (A,H)
P.O. Box 678.
Manager: Paul H. Kankel.

*Wm. Wurzbach Co. (A,R)
1344 N. Tenth St., Zone 12.
Phone: CY. 8-1711.
Manager: Wally Beuttler.

SAN LEANDRO

*Tay-Holbrook, Inc. (A,H)
P.O. Box 577.
Manager: M. D. Jayred.

SANTA ANA

*L. B. Marsh Allied Refrigeration (A,R)
807 E. Fourth St. Phone: KI. 7-7133.
Manager: Jack Avey.

*Valley Refrigeration Supply Co., Inc.
114 S. Center St. (A,H,R)

Warm Air Products Co. (A,H)
1170 Fruit St. Phone: KI. 7-7141.
Robert R. Nickerson.

SANTA BARBARA

*Cee-Twenty Supply (A,H)
44 Helena Ave. Phone: WOodland 6-5914.
Manager: Thomas Meeder.

Lear Supply Co. (A,H,R)
122 Santa Barbara St. Phone: WO. 5-4918.
Owner: John Lear

STOCKTON

*Refrigerating & Power Specialties Co.
1258 N. Union St. (A,H,R)
Phone: HO. 6-4153.
Manager: Lloyd McComb.

*Tay-Holbrook, Inc. (A,H)
P.O. Box 550.
Manager: Harry P. Janes.

VAN NUYS

†Climate Distributing Co. (A,H)
14742 Raymer St. Phone: TR. 3-1676.
President: R. B. Hesling.

WALNUT CREEK

†Lillard Co. (A,H)
1249 Boulevard Way. Phone: YE. 4-8752.
Emery Lillard.

COLORADO

COLORADO SPRINGS

AAA Supply Co., Div. of
J. F. Dammann Supply Co. (A,R)
13 E. Cucharras. Phone: ME. 2-3953.
Manager: John H. Dammann.

DENVER

Empire Gas & Electric Equipment Co.
901 Navajo, Zone 4. (A,H)
Phone: AComa 2-9461.

Hercules Equipment Co. (A,H)
1910 S. Cherokee, Zone 23.
Phone: RAce 2-2851.
Rex. D. Marlatt.

*Johnstone Supply (A,R)
210 Wyandot St., Zone 23.
Manager: Bob Wieland.

McCombs Supply Co. (A,H,R)
1819 Wazee St., Zone 17.
Phone: CH. 4-6623.
President: H. R. McCombs.

Snodgrass & Smith Co., Inc.
1941 Market St., Zone 2.
Phone: TA. 5-5295.
President: C. R. Smith.

GRAND JUNCTION

*Southwestern Supply Co. (A,H)
601 Pitkin Ave. Phone: CH. 2-1585.
Manager: E. C. Vories.

PUEBLO

†Southwestern Supply Co. (A,H)
180 Central Main. Phone: LI. 4-3352.
Vice President: H. L. McMartin.

CONNECTICUT

BRIDGEPORT

American Air Conditioning, Div. of
Buckley Bros. (A,H)
355 Seaview Ave., Zone 7.
Phone: FOrest 7-9169.
General Manager: John McCormack, Jr.

*Sid Harvey, Inc. (H)
1404 Kossuth St., Zone 8.
Phone: ED. 5-5151.

†Parsons Bros., Inc. (A,H,R)
21-37 E. Washington Ave., Zone 1.
Phone: ED. 5-2131.
Manager: Joseph Csire.

EAST HARTFORD

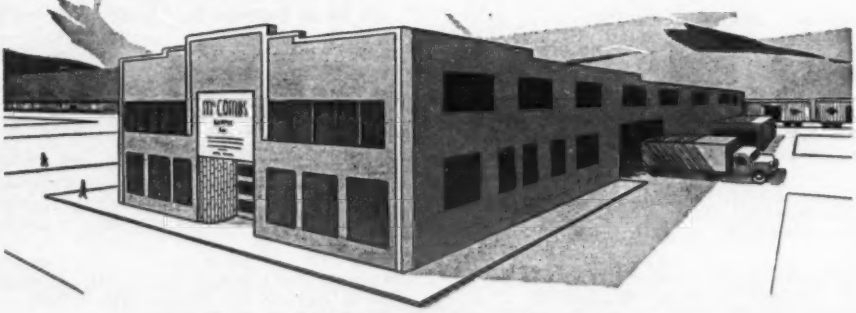
Sims Corp. of Conn. (A,H)
22 Ash St.
President: Marvin Catler.

HARTFORD

†The N. W. Day Supply Co. (A,R)
555 Windsor St., Zone 5.
Phone: CH. 9-0644.
President: Nevin W. Day.
Manager: Joe Leggo.

(Continued)

AIR CONDITIONING • REFRIGERATION
HEATING • VENTILATING • INDUSTRIAL
— EQUIPMENT & SUPPLIES —
COMPLETE WHOLESALE SERVICE



Mc COMBS SUPPLY COMPANY
1819 WAZEE DENVER, COLORADO

CONNECTICUT

HARTFORD (Continued)

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
410 Main St., Zone 6.
Phone: JAckson 2-7203.
Manager: H. Stearns.

*Parsons Bros. Supply Corp. (A,H)
710 Windsor St., Zone 5.
Phone: CHapel 9-7543.
Manager: J. B. Greenshields.

†Joseph Simons Co. (A,R)
26 Wethersfield Ave.
Phone: JAckson 5-6675.
Treasurer: Thomas Redden.

*Sondik & Co. (A,H)
2944 Main St. Phone: CH. 9-5831.
Manager: S. Gardner.

NEW HAVEN

American Supply Co., Inc. (A,H)
232 Cedar St. Phone: SP. 7-4444.

Resco, Inc. (A,R)
633 State St., Zone 9. Phone: ST. 7-6586.
President: F. E. Morley.

SOUTH NORWALK

Standard Supply of Conn. Inc. (A,R)
448 Connecticut Ave.
Phone: TEmple 8-8483.
President & Treasurer: James F. Rees.

DELAWARE

WILMINGTON

Greenberg Supply Co., Inc. (A,H,R)
809 E. Fifth, Zone 1.
Phone: Wilmington, OL. 6-4496.
Phone: Philadelphia: SA. 6-1160.

*United Refrigeration, Inc. (A,R)
602 Vandever Ave. Phone: OL. 6-3395.

Wilmington Supply Co., Inc. (A,H,R)
2000 Maryland Ave.
Alexander Drucker.

DISTRICT OF COLUMBIA

WASHINGTON

Aireco Supply, Inc. (A,R)
18 M St., N.E., Zone 2.
Phone: MEtropolitan 8-2234.
President: S. K. Carter.
J. Walter Humphrey.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
63 K St., N.W., Zone 1.
Phone: EXecutive 3-1218.
Manager: J. Romoser.

*R. E. Michel Co., Inc. (A,H,R)
1320 First St., N.E., Zone 2.
Manager: Louis M. Reynolds.

*Noland Co., Inc. (A,H)
136 K St., N.E., Zone 13.
Phone: STerling 3-0050.
Manager: C. W. Whaley.

Refrigeration Supply Co., Inc. (A,R)
1612 14th St., N.W., Zone 9.
Phone: HObart 2-2600.
President: M. J. Trautman.

Henry M. Sweeny Co., Inc. (A,R)
517 Fourth St., N.W., Zone 1.
Phone: EXecutive 3-7818.
President: Henry M. Sweeny.

Wilson Supply Co., Inc. (A,H)
1259 First St., S.E. Phone: LI. 3-5385.

FLORIDA

CORAL GABLES

Graves Refrigeration Co. (A,H,R)
5438 S.W. Eighth St. Phone: HI. 3-3063.
Robert Gentes.

DAYTONA BEACH

*Pioneer Metals of Daytona, Inc. (A,H)
543 Volusia Ave. Phone: CL. 2-7029.
Manager: Mike Gill.

*R & R Supply Co., Inc. (A,H,R)
109 N. Campbell St. Phone: CL. 3-5272.
Charles E. Stover.

FORT LAUDERDALE

*Graves Broward Co. (A,H,R)
618 N. W. Sixth Ave. Phone: JA. 3-0221.
Manager: Billy Vaughn.

*O'Brian Associates (A,H,R)
2520 S. W. Third Ave. Phone: JA. 2-2874.
Manager: C. M. Shanahan.

*Pioneer Metals of Ft. Lauderdale, Inc.
919 N. W. First St. (A,H)
Phone: JA. 5-1386.
Manager: Ed Weston.

*Harry H. Spurdle Co., Inc. (A,R)
1136 N. E. Fourth Ave. Phone: JA. 5-3726.
Manager: George Dubois.

FT. MYERS

Graves Bros. Refrigeration Supplies, Inc.
2256 Fowler St. (A,H,R)
Phone: ED. 5-0552.
William F. Graves.

*O'Brian Associates (A,H,R)
2465 Edison Ave. Phone: ED. 4-1266.
Manager: C. L. Boggs.

*Pioneer Metals of Ft. Myers, Inc. (A,H)
2843 Michigan Ave. Phone: ED. 7-2552.
Thomas J. Hines.

GAINESVILLE

*Baker Bros., Inc. (A,H,R)
902 N. W. Fourth St.
Phone: FRanklin 6-7307.
Manager: J. B. LeRoy, Jr.

(Continued)

FLORIDA

GAINESVILLE (Continued)

*Pioneer Metals of Gainesville, Inc. (A,H)
236 S. W. Fifth St. Phone: FR. 2-5031.
Manager: Wally Walls.

JACKSONVILLE

†Baker Bros., Inc. (A,H,R)
2685 Roselle St., P.O. Box 2954, Zone 3.
Phone: EVergreen 8-0785.
President: Horace S. Baker.
Exec. V.P. &. Treasurer: W. S. Beckham.

*Baker Bros., Inc. (A,H,R)
422 College St., P.O. Box 2312, Zone 3.
Phone: ELgin 5-6526.
Manager: Paul E. Stewart.

*Bowen Refrigeration Supplies, Inc. (A,R)
909 Forest St., Zone 4. Phone: EL. 4-6686.
Manager: C. L. Brown.

*Graves, Inc. (A,H,R)
710 Forest St. Phone: EL. 5-8373.
Manager: J. E. McGraw.

McElwain, Clary, Inc. (A,H,R)
2401 Liberty St., Zone 6.
Phone: EL. 6-2643.
President: H. L. Clary.

*Noland Co., Inc. (A,H,R)
929 E. Bay St., Zone 1.
Phone: ELgin 3-9621.
Manager: G. W. Holleman, Jr.

LAKELAND

*Graves Bros. Refrig. Supplies, Inc.
908 W. Main St. (A,H,R)
Phone: MU. 6-3438.
Manager: William Barlow.

MELBOURNE

*Baker Bros., Inc. (A,H,R)
1506 New Haven Ave.
Phone: PArkway 3-4614.
Manager: Robert E. Inman.
Sales Representative: B. Ferrell Bland.

*R & R Supply Co., Inc. (A,H,R)
1000 New Haven Ave. Phone: PA. 3-3221.
Bill Sheets.

MIAMI

Ace Refrigeration Supplies, Inc. (A,R)
46 N.W. 36th St., Zone 37.
Phone: FR. 1-1552.
James S. Maguire.

Berner Pease Co., Inc. (A,R)
3221 N.E. Second Ave., Zone 37.
Phone: FR. 3-6351.
Pres. & Gen. Mgr.: August G. Schultz.

*Graves Refrigeration Co. (A,H,R)
560 N. W. 29th St.
President: John Graves.

†O'Brian Associates (A,H,R)
2999 N.W. Second Ave., Zone 37.
Phone: FR. 7-3011.
Owner: Frank O'Brian.

†Pioneer Metals, Inc. (A,H)
1900 N.E. Miami Ct., Zone 32.
Phone: FR. 7-4701.
President: J. H. Keegan, Jr.
Sales Manager: Wm. H. Hegamyer.

Southern Metal Products Co., Inc. (A,H)
3690 N. W. 62nd St. Phone: NE. 3-3221.
President: B. Bieler.

†Harry H. Spurdle Co., Inc. (A,H,R)
220 N. W. 26th St. Phone: FR. 7-4721.
President: Harry H. Spurdle.

*Traco-Miami, Inc. (A,R)
82 N. E. 29th St., Zone 37.
Manager: Chris Swain.

ORLANDO

*Baker Bros., Inc. (A,H,R)
721 W. Amelia St., P.O. Box 1791.
Phone: CHerry 1-3484.
Manager: M. Wendell Purvis.

Florida Heating & Cooling Corp. (A,H,R)
2416 Coolidge Ave., P.O. Box 7777.
Phone: GArden 5-9072.
President: Eugene A. Brown.
Vice President (manager): George H. Billings, Sr.

*Pioneer Metals of Orlando, Inc. (A,H)
940 Sligh Blvd. Phone: GA. 4-6421.
Manager: Bob Lewis.

†R & R Supply Co., Inc. (A,H,R)
435 N. Parramore St. Phone: GA. 4-5696.
H. T. Claiborne, Jr.

PANAMA CITY

Remsco, Inc. (A,H,R)
740 W. 15th St. Phone: SU. 5-5208.
Buford Ennis.

PENSACOLA

Cooling & Heating Supplies (A,H,R)
1402 W. Zarragossa St. Phone: HE. 3-8206.

Pensacola Refrigeration Supply, Inc.
640 N. Pace Blvd. (A,H,R)
Phone: HE. 3-0036.
President: Charles F. Cox.

ST. PETERSBURG

*H. B. Adams Refrigeration, Inc. (A,R)
P.O. Box 12497, 601 27th St. So., Zone 33.
Phone: 7-2128.
Branch Manager: Jas. H. Raybon.

Mote W. Baird & Son, Inc. (A,H,R)
401 19th St., So., Zone 33. Phone: 7-1659.
Manager: J. W. Wilkerson.

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FLORIDA

ST. PETERSBURG (Continued)

*Graves Bros. Refrig. Supplies, Inc.
2556 First Ave. N. (A,H,R)
Phone: 7-3460.
Manager: Frank Guida.

SARASOTA

*Graves Bros. Refrig. Supplies, Inc.
2021 12th St. Phone: RI. 6-0056. (A,H,R)
Manager: Horace Fulwood.

SOUTH MIAMI

*Harry H. Spurdle Co., Inc. (A,H,R)
6800 S. W. 81st St. Phone: MO. 1-0543.
Manager: Frank Poston.

TALLAHASSEE

*Baker Bros., Inc. (A,H,R)
211 E. Pershing St., P.O. Box 2527.
Phone: 22-4-1147.
Manager: J. O. Milligan, Jr.

TAMPA

†H. B. Adams Refrigeration, Inc. (A,H,R)
4513 Florida Ave., Zone 3.
Manager: Bruce Adams.

*Leo S. Bosarge Co. (A,R)
1546 Franklyn St. Phone: 2-9365.

*Bowen Refrigeration Supplies, Inc. (A,R)
1236 E. Cass St., Zone 2. Phone: 229-0147.
Manager: Louis Holt.

*Graves Bros. Refrig. Supplies, Inc.
950 Twiggs St. Phone: 2-8075. (A,H,R)
President: Fred Graves.

*Noland Co., Inc. (A,H,R)
Meridian & Washington Sts.
Phone: 2-8161.
Manager: J. Goode Branch.

*Pioneer Metals of Tampa, Inc. (A,H)
915 Whiting St. Phone: 2-7257.
Manager: Howard Duizend.

WEST PALM BEACH

Butler Refrigeration Supply, Inc. (A,R)
410 Fourth St. Phone: TE. 2-8171.
President: Hyman C. Butler.

*O'Brian Associates (A,H,R)
4404 Georgia Ave. Phone: TE. 3-0391.
Manager: L. F. O'Brian.

*Pioneer Metals of West Palm Beach, Inc.
Bldg. S-365, Palm Beach (A,H)
Palm Beach Airport Phone: OV. 3-1112.
Manager: Lee Mellies.

Harry H. Spurdle Co., Inc. (A,H,R)
715 Okeechobee Rd. Phone: 833-7726.
Manager: Richard S. Smith.

GEORGIA

ALBANY

*Graves Supply Corp. (A,H,R)
109 Flint Ave. Phone: HEmlock 2-7021.
Manager: Jack Renfroe.

ATLANTA

*The Harry Alter Co., Inc. (A,H,R)
695 Stewart Ave. S.W., Zone 10.
Phone: PL. 3-1181.
Orville Barrow.

*Atlas Supply Co. (A,H)
505 Whitehall St., S. W.
Phone: JAckson 3-7481.
Manager: J. F. Linville.

Barnes & Hogan, Inc. (A,R)
555 Dutch Valley Rd., N.E., Zone 24.
Phone: 875-9366.
President: R. C. Barnes.
Vice President: O. W. Hogan, Jr.

†Leo S. Bosarge Co. (A,R)
590 Courtland St., Zone 8.
Phone: TR. 6-7571.

†Bowen Refrigeration Supplies, Inc. (A,R)
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President: S. W. Jones.
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R. H. O'Callaghan.

*Henry V. Dick & Co., Inc. (A,H,R)
114 Memorial Dr., S. W.
Phone: JA. 4-5008.
Manager: Jack H. Borders.

†Graves Refrigeration, Inc. (A,H,R)
254 Boulevard, N.E., Zone 12.
Phone: JA. 2-3755.
President: R. M. Graves.
Manager: C. L. Shearer.

*Noland Co., Inc. (A,H)
512-516 Spring St., N. W., Zone 8.
Phone: JAckson 2-8034.
Manager: A. B. Long.

Thompson Co. (A,H)
985 Monroe Dr., N.E., Zone 8.
Phone: TRinity 2-1171.
President: T. W. Thompson, Jr.

AUGUSTA

Graves Supply Co. of Augusta (A,H,R)
1238 D'Antignac St. Phone: PA. 2-3562.
Manager: G. E. Murphy.

*Noland Co., Inc. (A,H)
556 Reynolds St. Phone: PArk 4-1433.
Manager: F. S. Laurence, Jr.

BRUNSWICK

Baker Bros., Inc. (A,H,R)
2423 Norwich St., P.O. Box 1096.
Phone: AM. 5-6690.
Manager: Ennis E. Yawn.

COLUMBUS

*Graves Supply Corp. (A,H,R)
1408 Tenth Ave. Phone: FA. 4-3491.
Manager: R. S. Graves.

Hajoca Corp. (A,H)
1301 Sixth Ave. Phone: FA. 3-4333.

MACON

*Graves Supply Co. of Macon (A,H,R)
330 Walnut St. Phone: 6-5186.
Manager: Ralph Paul.

*Noland Co., Inc. (A,H)
560 Broadway. Phone: SHerwood 3-1531.
Manager: P. H. Bowler.

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*Noland Co., Inc. (A,H)
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Manager: W. S. Oxford.

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*Baker Bros., Inc. (A,H,R)
641 Indian St., P.O. Box 457.
Phone: ADams 4-5164.
Manager: James H. Baker.

VALDOSTA

*Baker Bros., Inc. (A,H,R)
1006 Williams St. Phone: CHerry 4-1313.
Manager: Durwood Lewis.

WAYCROSS

*Baker Bros., Inc. (A,H,R)
705 McDonald St., P.O. Box 845.
Phone: ATlas 3-1838.
Manager: J. Paul Milligan.

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*Commercial Distributing Co. (A,R)
1700 Main St. Phone: 2-5361.
Manager: Henry G. Thompson.

Refrigeration Distributors Corp. (A,H,R)
2312 Main. Phone: 2-2601.
Manager: Wm. R. Cory.

*Refrigerative Supply, Inc. (A,H,R)
1030 LaPointe St.
Manager: J. R. Coy.

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*DHRCO Distributors of Idaho Falls, Inc.
1802 Curtis Ave. (A,H,R)
Phone: JA. 2-3270.
Manager: B. J. Hovis.

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*DHRCO of Pocatello, Inc. (A,H,R)
2703 Pole Line Rd. Phone: 233-5381.
Manager: C. L. Curtis.

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*United States Electric Co. (A,R)
804 S. Bunn.
Manager: Donald Wood.

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Fred C. Kramer Co. (A,H,R)
2800 S. 19th Ave.
Phone: ES. 8-1800; MU. 1-2400.
President: A. J. Knez.

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*Lewie David Co. (A,H)
738 N. Market St. Phone: FL. 2-1222.
Manager: John Sharp.

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Accurate Sheet Metal & Mfg. Works, Inc.
2336-44 Milwaukee Ave., Zone 47. (A,H)
Phone: EV. 4-3666.
Vice President: Ray Guenther.

Airo Supply Co., Inc. (A,H,R)
2519-25 N. Sheffield Ave., Zone 14.
President: E. P. Sorensen.

†The Harry Alter Co., Inc. (A,H,R)
2399 S. Archer Ave., Zone 16.
Phone: 326-5500.
Harry Alter.

*The Harry Alter Co., Inc. (A,H,R)
127 W. 111th St., Zone 28.
Phone: CO. 4-7450.
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Phone: ARmitage 6-4482.
President: Jerome Kleifield.

†Chase Supply Co., Inc. (A,H,R)
940 W. 122nd, Zone 43.
Phone: PU. 5-0500.

*Chase Supply Co., Inc. (A,H,R)
3900 N. Western Ave., Zone 18.
Phone: COrnelia 7-4836.

*Chase Supply Co., Inc. (A,H,R)
7144 Vincennes Ave., Zone 20.
Phone: HUdson 3-2712.

Chicago Furnace Supply Co. (A,H)
1280 Clybourn Ave., Zone 10.
Phone: MO. 4-1300.
President: R. J. Lorenz.

†James B. Clow & Sons, Inc. (A,H,R)
Air Conditioning & Refrigeration Dept.
201-299 N. Talman Ave., Zone 12.
Phone: KE. 3-4040.

*James B. Clow & Sons, Inc. (A,H,R)
7625-7 S. Halsted St. Phone: HU. 3-5515.
Manager: E. W. Mattson.

Follansbee Engineering & Supply Co.
7537 N. Clark St., Zone 26. (A,H,R)
Phone: SH. 3-1231.
President: E. Lee Merrill.

G & E Equipment Supply Co. (A,R)
Ogden at Fulton, Zone 7.
President: George Grossman.

A. Gatz Supply Co. (A,R)
4204 N. Lincoln Ave., Zone 18.
Phone: BU. 1-4845.
President: A. Gatz.

Grainger, Inc., W. W.
2330 W. Adams St., Zone 12.

*Sid Harvey, Inc. (H)
7147 W. Belmont Ave., Zone 34.
Phone: TU. 9-0472.

Refrigeration Supply Jobbers, Inc.
2511 No. Pulaski Rd.

Westland Engineering Supply Co. (A,R)
53 W. Jackson Blvd., Zone 4.
Phone: HArrison 7-0760.
President: Ben E. Seamon.

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*General Refrigeration Supply Co., Inc.
104 Porter St. (A,R)
Manager: Floyd L. Groves.

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†Lewie David Co. (A,H)
66 Industry Ct.
President: Joe M. David.

Potter Supply Co. (A,H,R)
1658 N. Clinton. Phone: 422-8518; 422-8519.
President: Richard M. Potter.

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Illinois Electric Works, Inc. (A,H,R)
1300-10 Missouri Ave. Phone: BR. 1-2452.
Manager: Robert C. Byrne.

FOREST PARK

*The Harry Alter Co., Inc. (A,H,R)
7330 W. Madison Ave. Phone: AU. 7-7858.
Manager: Conrad Kuefner.

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*Gustave A. Larson Co. (A,R)
417 S. Locust St. Phone: AD. 2-0611.
Manager: James Koym.

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Service Parts Co. (A,H,R)
2611 Lake St.
Phone: FI. 4-0810; Chicago: CO. 1-2111.
President: Edmund Jaske.

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*Budlock Refrigeration Supply Co., Inc.
South End 28th St. (A,H,R)
Phone: CH. 2-1483.
Manager: W. L. Chesney.

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Marquette Equipment Co. (A,R)
300 S.W. Washington. Phone: 673-4326.
President: B. H. Roth.

Mehrings' Heating & Airconditioning Supply & Service Co. (A,H)
107 Cass St. Phone: 673-7483.
F. E. & W. F. Mehrings.

†Polar Supply Corp. (A,H,R)
815 S. Jefferson. Phone: 4-9245.
President: Carl Shinneman.

QUINCY

T. F. Ehrhart Co. (A,H)
301 S. Front St. Phone: BA. 2-9103.
Owner: T. F. Ehrhart.

Polar Supply Corp.
108 So. 12th St.

ROCKFORD

*Gustave A. Larson Co. (A,R)
1119-21 Fourth Ave. Phone: WO. 3-0471.
Manager: Jim Hughes.

Park Distributors, Inc. (A,H,R)
1101 Seventh St. Phone: WO. 5-0569.
President: R. L. Altenbern.

Valley Furnace Supply Co. (A,H)
1125-27 Fourth Ave.

SPRINGFIELD

Capitol P & H Supply, Inc. (A,H,R)
1900 So. Eighth. Phone: 8-3493.
President: Lee S. Drendel.

*R. H. Spangler & Co., Inc. (A,H,R)
18th & E. Capitol.
Phone: KIngswood 4-2785.
President: R. H. Spangler.

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Rogers Refrigeration Supply Co. (A,R)
408 W. High St. Phone: EM. 7-6488.
C. L. Rogers.

INDIANA

EVANSVILLE

†Budlock Refrigeration Supply Co., Inc.
434 Carpenter St. (A,H,R)
Phone: HA. 2-3204.
Manager: Robert J. Mooney.

Ohio Valley Hardware Co., Inc. (A,H,R)
1300 Pennsylvania Exwy., West, Zone 7.
Phone: HArrison 3-3131.
President: R. K. Becker.

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Central Supply Co. (A,H,R)
1604 S. Hanna St. Phone: KEnmore 4961.
Manager: Harry W. Marshall, Jr.

*F. H. Langsenkamp Co. (A,H,R)
2514 S. Calhoun St. Phone: HArrison 2241.
Manager: Bud Miller.

H. J. Schroeder Co., Inc. (A,R)
219 E. Main St., Zone 2. Phone: A-3411.
F. G. Mundinger.

GARY

†G. W. Berkheimer Co. (A,H)
1040 Washington St. Phone: 886-9294.
George Primich.

*Chase Supply Co., Inc. (A,H,R)
2433 Broadway. Phone: TUrner 6-1511.

Electro-Mechanical Products, Inc. (A,H,R)
35th & Taft St., P.O. Box 1701.
Phone: 884-9481.
George N. Primich.

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*G. W. Berkheimer Co., Inc. of Indianapolis (A,H)
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Manager: Harry Hurt.

†Duncan Supply Co., Inc. (A,H,R)
937 N. Illinois St. Phone: ME. 4-1335.
President: Russell K. Duncan.

†F. H. Langsenkamp Co. (A,H,R)
229 E. South St., Zone 25.
Phone: ME. 6-4321.
President: F. S. Langsenkamp.

*F. H. Langsenkamp Co. (A,H,R)
430 S. Alabama. Phone: ME. 6-4321.
P. E. Williams.

Square Deal Supply Co., Inc. (A,R)
821 N. Illinois St., Zone 19.
Phone: ME. 5-3481.
President: L. H. Willenberg.

LAFAYETTE

†General Refrigeration Supply Co., Inc.
1735 Main St., P.O. Box 734. (A,R)
Phone: SH. 2-0625.
President: Fred J. Linthicum.

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*Duncan Supply Co., Inc. (A,H,R)
601 E. 15th St.
Manager: Harry F. Cherry.

*The Treaty Co. (A,H)
603 S. Jefferson St. Phone: AT. 4-9944.
Manager: Joe Riegle.

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Gennett & Sons, Inc. (A,H,R)
1 Main St. Phone: 2-2151.
Secretary: Henry Gennett.

Richmond Supply Corp. (A,H)
213 N. Third. Phone: 2-4288.
Ralph B. Bell.

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Rinehart, Inc. (R)
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*G. W. Berkheimer Co. of South Bend
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*F. H. Langsenkamp Co. (A,H,R)
333 Hydraulic Ave. Phone: CEntral 3-8222.
Manager: Paul E. Lawrence.

Stauffer Supply Co., Inc. (A,H)
3620 Mishawaka Ave., Zone 15.
Phone: AT. 2-1225.
President: J. W. Stauffer.

Valley Equipment Co., Inc. (A,H,R)
422 E. Monroe St., Zone 17.
Phone: AT. 8-4661.
President: H. E. Zerbe.

Young Heating Supply, Inc. (H)
312 E. Wayne St., Zone 1.
Phone: CE. 2-8271.
Secretary-Treasurer: Richard J. Young.

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*Budlock Refrigeration Supply Co., Inc.
41 Wabash Ave. Phone: CR. 3715. (A,H,R)
Manager: Raymond Donner.

VINCENNES

O'Donnell Supply Co. (A,H)
113 N. Eighth St. Phone: TU. 2-3470.
Partner: L. D. O'Donnell.

IOWA

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Pioneer Supply Co. (A,H,R)
215 N. Fifth St. Phone: 752-5438.
Partner: E. R. Anderson.

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*Thermal Co., Inc. (A,H,R)
220 First St., N.E. Phone: EM. 3-1242.
Manager: Cal Moser.

CLINTON

Clausen Furnace & Supply Co. (H)
100 Fourth Ave., N. Phone: CH. 2-4994.
Owner: Harold W. Clausen.

DAVENPORT

*Dennis Co., Inc. (A,H,R)
518 W. Fourth St.
Manager: Gene Knepper.

*White Refrigeration Supply, Inc. (A,H,R)
818 E. River. Phone: 3-2744.

DES MOINES

Dennis Supply Co. (A,H,R)
1912 Sixth Ave. Phone: AT. 8-8579.
Manager: Paul Crew.

†Heating Wholesalers Co. (A,H)
107 S.W. Second Ave., Zone 5.
Phone: CH. 4-6291.
President: F. R. Green.

Tesdell Refrigeration Supply (A,H,R)
610 School. Phone: AT. 8-3634.

*Thermal Co., Inc. (A,H,R)
106 11th St., Zone 9.
Phone: CHerry 4-0181.
Manager: Myron Free.

†White Refrigeration Supply, Inc. (A,H,R)
Fifth & Crocker, Zone 14.
Phone: CH. 4-5121.
General Manager: C. W. Hosier.

DUBUQUE

Central Control Supply Co. (A,H,R)
1072 Central Ave. Phone: 583-9492.
Partner: Wilfred Nestor.

Mid-States Refrigeration Supply Co., Inc.
198 Main St. Phone: 582-8926. (A,R)
Manager: Charles Doyle.

FAIRFIELD

City Plumbing Supply (A,H)
901 W. Broadway. Phone: 472-3171.
Assistant Manager: S. H. Copple.

MASON CITY

Mid-States Refrigeration Supply Co., Inc.
702 Sixth St., S. W. (A,R)
Phone: GA. 3-1808.
Managers: Wayne Schmidt, Roy Ellsworth.

SIOUX CITY

†Dennis Refrigeration Supply Co. (A,H,R)
609 Perry St., Zone 3. Phone: 5-7637.
Manager: James Stewart.

*Heating Wholesalers Co. (A,H)
315 First St. Phone: 5-3583.

National Refrigeration Parts Co. (A,H,R)
510 Water St. Phone: 8-0137.
Owner: J. P. Kleinkehsel.

WATERLOO

Annis Supply Co. (A,H)
724 Cleveland. Phone: AD. 4-1717.
President: Daryl D. Annis.

Heating & Cooling Supply Co. (A,H)
100-180 W. First St. Phone: AD. 3-5207.
President: R. F. Winterbottom.
General Manager: Maynard A. Potter.

*Heating Wholesalers Co. (A,H)
412 Chestnut St. Phone: ADams 3-5249.

Winterbottom Supply Co. (A,H,R)
Commercial & Miles.
Phone: ADams 3-6123.
President: D. C. Knight.

KANSAS

SALINA

The Salina Supply Co. (A,H,R)
302 N. Santa Fe. Phone: TA. 3-2221.
Vice President: John L. Zimmerman.

TOPEKA

*Refrigeration Equipment Co., Inc. (A,H,R)
315 Kansas Ave. Phone: CE. 3-0559.
Manager: Jed G. Yeager.

*Superior Supply, Inc. (A,H,R)
1309 W. Sixth. Phone: FL. 4-9507.
Manager: Edwin Fischer.

WICHITA

Bryant-O'Connor Co., Inc. (A,H)
811 E. Bayley, P.O. Box 2253.
Phone: AM. 2-3484.
R. J. Piller.

Howard Supply Co. (A,R)
737 North Main St., Zone 5.
Phone: HO. 4-0371.
Howard Haselwood.

Jobbers, Inc. (A,H,R)
1223 S. Santa Fe, Zone 11.
Phone: AM. 7-4254.
President: R. D. Davis.

*Refrigeration Equipment Co., Inc. (A,H,R)
1641 E. First. Phone: AM. 7-3345.
Manager: John McCullough.

Superior Supply Co., Inc. (A,H,R)
335 S. Washington, Zone 2.
Phone. AM. 2-3421.
President: Don C. Simpson.
Vice President & Mgr.: Gerald J. Frizzell.

KENTUCKY

HOPKINSVILLE

Cayce Mill Supply Co. (A,H,R)
DR. 526.
Granville L. Cayce, Jr.

LEXINGTON

Brock-McVey Refrigeration Supply Co.
Midland Ave. Extended. (A,H,R)
Phone: 5-2510.
Manager: Oliver W. Caudill.

United Service Co., Inc. A,R)
176-8 E. High St. Phone: 5-5138.
W. D. Taylor.

LOUISVILLE

Air Conditioning Corp. (A,H,R)
1943 S. 16th St., Zone 10.
Phone: ME. 7-3624.
President: John N. Gillham.

Louisville Mill Supply Co. (A,R)
520 S. 15th St., Zone 1. Phone: JU. 3-3875.
J. M. Shellhamer.

Mill & Industrial Supply, Inc. (A,H,R)
1012 E. Main St., Zone 6. Phone: 584-6269.
Manager: J. C. Reed.

Stratton & Terstegge Co., Inc.,
Heating & Air Conditioning Div. (A,H)
1533 Bank St., Zone 1.
Phone: JUniper 4-5311, Ext. 81.
Manager: H. R. Huskamp.

S. W. H. Supply Co. (A,H,R)
242 E. Main St., Zone 2.
Phone: JU. 7-9287.
W. C. Hutchison, Sr.

*Williams & Co., Inc. (A,R)
1109 S. Preston St., Zone 3.
Phone: JU. 3-7781.

PADUCAH

*Budlock Refrigeration Supply Co., Inc.
121 S. Ninth St. Phone: 442-3548. (A,H,R)
Manager: Bert Karber.

*N. O. Nelson Co. of Cape Girardeau
2101 Park Ave. (A,H,R)

LOUISIANA

ALEXANDRIA

The American Supply Co., Inc. (A,H,R)
3333 Broadway, Box 5585. Phone: 3-4525.
President: John Swanson.

BATON ROUGE

Acme Refrigeration of Baton Rouge, Inc.
2300 Main St. Phone: DI. 3-6617. (A,H,R)
President: A. E. Kaiser, Sr.

Atlas Refrigeration Supplies, Inc. (A,H,R)
2443 North St., Zone 2. Phone: DI. 4-3745.
President: H. A. Dawson.
Manager: Roy P. Thibodaux.

*Standard Brass & Mfg. Co. (A,H,R)
5185 Adams Ave.
Manager: Joe Cullivan.

LAFAYETTE

Cooling & Heating Wholesalers (A,H,R)
1309 Jefferson St. Phone: CE. 4-8333.
Manager: R. C. Sealy.

Solar Supply of Lafayette, Inc. (A,H,R)
P.O. Box 603, U.S.L. Station.
Phone: CE. 4-7311.
President: Harold Bourdier.
Manager: Warren Guilbeaux.

*Standard Brass & Mfg. Co. (A,H,R)
1619 Jefferson St.
Manager: O. P. Montagnet.

LAKE CHARLES

†Solar Supply, Inc. (A,H,R)
1232 12th St. Phone: HE. 6-2588.
President: Ray L. Dingler.

MONROE

Relec Supply, Inc. (A,H,R)
504 N. 17th St. Phone: FA. 5-6808.
Vice President: H. W. Shepard.

(Continued)

LOUISIANA

(Continued)

NEW IBERIA

Brooks Refrigeration Supply (A,H,R)
307 W. Pershing. Phone: EM. 4-1863.
Manager: Joe Brooks.

NEW ORLEANS

Acme Refrigeration Supplies, Inc. (A,H,R)
745 S. Galvez St., P.O. Box 13275, Zone 25.
Phone: JA. 2-7676.
President: H. A. Dawson.

*Budlock Refrigeration Supply Co., Inc.
7900 Earhart Blvd. (A,H,R)
Phone: UN. 1-2573.
Manager: Jim Lick.

†Enochs Sales Co., Inc. (A,R)
705 Camp St., Zone 12. Phone: JA. 2-1242.
President: Iddo W. Lampton.

Flick Supply Co., Inc. (A,H,R)
2040 Lafayette St. Phone: 529-2128.
President: Lloyd A. Flick.

Mechanical Supply Co., Inc. (A,H,R)
3119 S. Carrollton Ave., Zone 18.
Phone: HU. 6-6273.

Nola Sales Co., Inc. (A,H,R)
2036 Poydras St. Phone: 529-2702.
President: H. E. McAdams.

*Standard Brass & Mfg. Co. (A,H,R)
1113 LaBarre Rd.
Manager: Joe Cartullo.

SHREVEPORT

*Standard Brass & Mfg. Co. (A,H,R)
2135 McClellan.
Manager: A. K. Harvey.

MAINE

PORTLAND

*A. E. Borden Co., Inc. (A,R)
384 Fore St. Phone: SP. 2-0740.
Manager: Leo Heffernan.

Refrigeration & Oil Burner Supply Co.
105 Preble St., Zone 3. (H,R)
Phone: SPruce 2-2952.
General Manager: Larry Moody.

*Joseph Simons Co. (A,H,R)
198 Grant St.
Manager: Everett Doughty.

*Supply Distributors Corp. (A,R)
369 St. John St. Phone: SP. 4-5764.
Manager: L. D. Clark.

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MARYLAND

BALTIMORE

Baltimore Refrigeration Supply Co. (A,R)
2244 Orem Ave., Zone 17.
Phone: LA. 3-0907 & LA. 3-4114.
President: E. W. Fischer.

The Crown Refrigeration Supply Co. (A,R)
1501 N. Central Ave., Zone 2.
Phone: 752-3359.
President: August C. Huber.

Hajoca Corp. (A,H,R)
2740 Loch Raven Rd., Zone 18.
Phone: TU. 9-2800.
Ernest J. Tolson.

*Sid Harvey, Inc. (H)
1215 N. Franklintown Rd., Zone 16.
Phone: WI. 5-5111.

Kleinman Bros., Inc. (A,H,R)
615 W. North Ave., Zone 17.
Phone: NO. 9-4900.
President: Henry Kleinman.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
869 Greenmount Ave., Zone 2.
Phone: SAratoga 7-6358.
Manager: E. Giese.

†R. E. Michel Co., Inc. (A,H,R)
1017 Greenmount Ave., Zone 2.
Phone: MU. 5-8371.
President: R. E. Michel.

†Roche & Hull, Inc. (A,H,R)
1107-19 Maryland Ave., Zone 1.
Phone: LE. 9-6776.
President: George J. Roche.

Royal Supply & Equipment Co. (A,H,R)
Lawyers Hill Rd., Box 27, Zone 27.
Phone: 871-609.
Owner: George B. Wilson.

CUMBERLAND

Aircon Engineering, Inc. (A,H,R)
2 Williams St.
President: R. R. Leonard.

The Hiser Supply Co. (H)
McMullen Hwy. Phone: 722-5800.
Executive Vice Pres.: C. Edgar Collier.

HAGERSTOWN

*Noland Co., Inc. (A,H)
1016 Virginia Ave. Phone: REgent 9-6600.
Manager: E. Ray Enders, Jr.

*Roche & Hull, Inc. (A,H,R)
111 W. First St. Phone: RE. 3-4646.
Manager: Clarence Beagle.

SALISBURY

Automatic Equipment Sales, Inc. (A,H)
627 E. Railroad Ave. Phone: PI. 2-5268.
Carlton G. Riggin.

*Roche & Hull, Inc. (A,H,R)
Lee & Cooper Sts. Phone: PI. 9-3621.
Manager: John A. Hall.

MASSACHUSETTS

BOSTON

Appliance Engineering Corp. (R)
709 Beacon St., Zone 15.
Phone: CO. 6-2411.
President: James E. Thompson.

†A. E. Borden Co., Inc. (A,R)
1380 Boylston St., Zone 15.
Phone: CO. 7-9311.
President: C. E. Borden.

New England Refrigeration Supply Co., Inc. (A,H,R)
1313 Columbus Ave., Zone 20.
Phone: GA. 7-6767.
President: Mark M. Corinoff.

†Supply Distributors Corp. (A,R)
352 Western Ave., Zone 35.
Phone: AL. 4-6700.
Chas. G. Koopman.

CAMBRIDGE

*The N. W. Day Supply Co. (A,R)
Fifth & Binney St., Zone 42.
Phone: UN. 4-7050.
President: Nevin W. Day.
Manager: Joe Leggo.

MALDEN

*Sid Harvey, Inc. (H)
1256 Eastern Ave., Zone 48.
Phone: DA. 2-9600.

NEW BEDFORD

Southeastern Supply Co. (A,H)
390 N. Front St.
Owner: William Belanger.

SPRINGFIELD

Cellite Engineers, Inc. (A,H)
109 Mill St., Zone 1. Phone: STate 8-0931.
President: Edward W. Betterley.

C. P. Payson Co., Inc. (A,R)
36 Martone Pl., Zone 9.
Phone: REpublic 6-1865.
Frank Meyer.

WATERTOWN

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
79 Grove St., Zone 72.
Phone: WAlnut 6-1500.
Manager: A. Thomas.

WORCESTER

Standard Supply, Inc. (A,R)
21 Union St., Zone 8.
Phone: PLeasant 5-8664.
President: John P. Sheperdson.

MICHIGAN

ALLEN PARK

Downriver Refrigeration Supply Co. (A,R)
5713 Allen Rd. Phone: DU. 6-0420.
President: Bernard J. Pozniak.

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MICHIGAN

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ALPENA

*J. Geo. Fischer & Sons, Inc. (A,R)
119 W. Fletcher St. Phone: EL. 4-5025.
Manager: Nelson Babcock.

ANN ARBOR

*National Furnace Supply Co. (A,H)
2394 Winewood. Phone: NOrmandy 3-8523.
M. O'Mell.

COLDWATER

Southern Michigan Heating Supply Co.
604 E. Chicago St., P.O. Box 142. (A,H)
Phone: BR. 8-5604.
George VandePolder.

DETROIT

†Champine Refrigeration Supplies (A,R)
451 E. Milwaukee, Zone 2.
Phone: TR. 3-1160.
W. E. Champine.

*Champine Refrigeration Supplies (A,R)
12727 Gratiot, Zone 5.
E. W. Champine.

*Champine Refrigeration Supplies (A,R)
7821 Michigan, Zone 10.
Arch MacNicol.

†George L. Johnston Co. (A,H,R)
1420 Holden, Zone 8. Phone: TR. 1-7000.
George L. Johnston.

†Deke Jones Co. (A,R)
10140 Schoolcraft, Zone 38.
Phone: WE. 3-8707.

Lee Equipment Co. (A,R)
4721 Joy Rd., Zone 4. Phone: TY. 5-9080.

†National Furnace Supply Co. (A,H)
14286 Meyers Rd., Zone 27.
Phone: TE. 4-3370.
Mr. Fenley.

Riopelle Supply Co. (A,H,R)
12345 Grand River Ave., Zone 4.
Phone: WE. 3-6364.
Owner: F. F. Riopelle.

†Squire Supply Co., Inc. (A,H,R)
18951 Wyoming, Zone 21.
Phone: DI. 1-4111.
President: E. V. Squire.

*Squire Supply Co., Inc. (A,H,R)
15126 E. Warren, Zone 24.
Phone: TU. 4-4900.
Manager: James Kittle.

†Star Steel Supply Co. (A,H,R)
3855 E. Outer Dr., Zone 34.
Phone: TW. 3-7000.
Sales Manager: Carl E. Beltz.

†Young Supply Co. (A,H,R)
860 W. Baltimore, Zone 2.
Phone: TR. 5-3280.
President: Dave Bell.

FLINT

*Heating & Cooling Wholesalers, Inc.
501 W. Tobias. Phone: CE. 4-8676.(A,H,R)
Manager: T. Eugene Gober.

Lifsey Distributing Co. (A,R)
1409 N. Saginaw St., Zone 2.
Phone: CE. 5-6657.

Shand Radio Specialties, Inc. (R)
2608 Leith St., Zone 6.
Phone: CE. 8-0477.
John Driver.

GRAND RAPIDS

†The Behler Young Co. (A,H)
342 Market St. Phone: GL. 9-4254.
President: W. H. Young.

†Heating & Cooling Wholesalers, Inc.
1576 S. Division Ave., Zone 2. (A,H,R)
Phone: CH. 1-2426.
President: Robert H. Swart.

*George L. Johnston Co. (A,H,R)
629 Michigan N.E., Zone 3.
Phone: GL. 9-4553.
Branch Manager: Lenard Johnston.

Midwest Refrigeration Supply Co. (A,R)
121 Commerce Ave. S.W., Zone 2.
Phone: GL. 6-1517.
A. Holtrop.

HOLLAND

*Fitzpatrick Electric Supply Co. (A,H,R)
10860 Chicago Dr. Phone: EX. 6-4626.

JACKSON

Jackson Hermetic Supply Co. (A,R)
514 Golf Ave. Phone: STate 4-1107.
Forrest Holcomb.

KALAMAZOO

*The Behler Young Co. (A,H)
326 Eleanor St. Phone: FI. 3-5504.
Manager: Joseph F. Cipriano.

*Heating & Cooling Wholesalers, Inc.
9-11 Mills St. Phone: FI. 3-1279. (A,H,R)
Manager: Lloyd G. West.

LANSING

*Heating & Cooling Wholesalers, Inc.
511 E. Grand River. (A,H,R)
Phone: IV. 9-3739.
Manager: Alan D. Nelson.

*National Furnace Supply Co. (A,H)
2902 S. Cedar Ave., Zone 10.
Phone: TUrner 2-0281.
J. Schrank.

Refrigeration & Equipment Supply Co.
427 N. Grand, Zone 30. (A,R)
Phone: IV. 4-1364.
Manager: Vernon Cassidy.

MUSKEGON

†Fitzpatrick Electric Supply Co. (A,H,R)
444 Irwin St. Phone: PA. 2-6621.
President: F. B. Harvey.

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MICHIGAN

(Continued)

PONTIAC

*Young Supply Co. (A,H,R)
424 Orchard Lake Rd.
Manager: Curt Stevens.

PORT HURON

S & W Supply Co. (A,H,R)
2524 Lapeer Rd. Phone: YU. 2-2639.
Owner: Wm. A. White.

SAGINAW

†J. Geo. Fischer & Sons, Inc. (A,R)
2115 Rust Ave. Phone: PL. 2-4182.
Manager Refrig. Dept.: W. J. Culver.

Saginaw Distributors, Inc. (A,H,R)
1751-1761 E. Genesee Ave.
Phone: PL. 7-0441.
President & Gen. Mgr.: L. W. Beaver.

TRAVERSE CITY

*Fitzpatrick Electric Supply Co. (A,H,R)
911 Hastings St. Phone: WI. 6-7262.

WARREN

*National Furnace Supply Co. (A,H)
26211 Groesbeck Hwy.
Phone: PR. 3-0250; PR. 1-7500.
Branch Manager: R. J. Bowsher.

MINNESOTA

DULUTH

*Girard Steel Supply Co. (A,H)
2915 W. Superior St. Phone: MA. 8-1001.
Manager: W. O. Ohnsted.

Refrigeration Wholesalers, Inc. (A,H,R)
2025 W. First St. Phone: RA. 7-5047.
President: F. R. Pond.

*Thermal Co., Inc. (A,H,R)
18 N. 19th Ave. W., Zone 2.
Phone: RAndolph 7-9533.
Manager: Dick Peterson.

MINNEAPOLIS

Refrigeration & Industrial Supply Co., Inc. (A,H,R)
610 S. Tenth St., Zone 2.
Manager: L. A. Ost.

†Tem-Trol Corp. (A,H,R)
716 S. Seventh St., Zone 15.
Phone: FE. 5-2116.
President: Geo. M. Jensen.

Tempcon, Inc.
3016 Fourth Ave. S.

*Thermal Co., Inc. (A,H,R)
1401 Hennepin Ave., Zone 3.
Phone: FEderal 5-1151.
Manager: Bob Iten.

ROCHESTER

*Girard Steel Supply Co. (A,H)
1701 Third Ave., S.E. Phone: AT. 9-4969.
Manager: Marv Henning.

ST. PAUL

†Girard Steel Supply Co. (A,H)
889 Vandalia St., Zone 14.
Phone: MI. 6-8635.
President: Noel E. Girard.

Refrigeration Supply Co., Inc. (A,H,R)
272 W. Kellogg Blvd., Zone 2.
Phone: CA. 7-8374.
Manager: R. L. Wilson.

†Thermal Co., Inc. (A,H,R)
2526 University Ave., Zone 14.
Phone: MI. 6-1364.
President: E. F. King.

*Thermal Co., Inc. (A,H,R)
431 E. Seventh St., Zone 1.
Phone: CApital 6-8816.
Manager: Don Buesing.

MISSISSIPPI

JACKSON

Mississippi Refrigeration Supply Co. (R)
1400 Terry Rd. Phone: FL. 4-3579.
Manager: Hazel C. McQuiston.

Noland Co., Inc. (A,H,R)
P.O. Box 2635, 204 W. Fortification St.
Phone: FL. 3-9611.
Manager: S. L. Giddings.

Paine Refrigeration & Supply (A,H,R)
934 S. Gallatin St. Phone: FL. 4-5626.
Manager: Hayden Lasley.

Plumbing Wholesale Co. (A,H,R)
Bailey At Monument.
Phone: FLeetwood 2-7623.
Manager: Charles Warwick.

MERIDIAN

Motor Supply Co., Inc. (R)
2618 Fifth St.

MISSOURI

CAPE GIRARDEAU

†N. O. Nelson Co. of Cape Girardeau
2118 Broadway. (A,H,R)
Phone: ED. 5-5554.
Manager: James B. Hill.

JEFFERSON CITY

N. O. Nelson Co. (A,H,R)
308 Mulberry St., P.O. Box 333.
Robt. W. Thompson.

*Superior Supply of Jefferson City, Inc.
905 W. Dunklin. (A,H,R)

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MISSOURI

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JOPLIN

*Superior Supply of Joplin, Inc. (A,H,R)
1049 Joplin St.
President: Harold Hartley.

KANSAS CITY

Forslund Pump & Machinery Corp. (A,R)
1717-19 Main St., Zone 8.
Phone: VI. 2-0868.
R. O'Neil.

Furnace Supply Co. (A,H)
1804 East 33rd St., Zone 9.
Phone: WA. 3-5600.
Manager: Floyd Doubleday.

†Refrigeration Equipment Co. (A,H,R)
2555 Grand Ave., Zone 8.
Phone: HA. 1-4216.
President: E. L. Tramposh.

†Superior Supply Co. (A,H,R)
1816 Walnut, Zone 8. Phone: BA. 1-1919.
John Searcy.

ST. JOSEPH

H. Ehrlich & Sons Mfg. Co., Inc. (A,H,R)
402-408 So. Sixth St., Zone 24.
Phone: AD. 2-8473.
Vice President: Robert L. Holman.

*Refrigeration Equipment Co. (A,H,R)
629 S. Eighth. Phone: AD. 2-4449.
Manager: Warren S. Clark.

ST. LOUIS

Ahrens & McCarron, Inc. (A,H)
4621 Beck Ave., Zone 16.
Phone. MO. 4-8400.
Clarence F. Ahrens.

Authorized Refrigeration Parts Co. (A,R)
301 S. Vandeventer Ave., Zone 10.
Phone: FR. 1-2773.
President: H. F. Brockgreitens.
Secretary: L. W. Krueger.

Brauer Supply Co. (A,H,R)
2100 Washington Ave., Zone 3.
Phone: CH. 1-0445.
Oscar P. Brauer.

Mechanical Supply Co. (A,H,R)
4605 McRee, Zone 10.
Phone: PRospect 6-8074.
Charles F. Barmeier.
Charles W. Nunley.

Refrigeration Supplies, Inc. (A,R)
5172 Easton, Zone 13. Phone: FO. 1-4111.
Vice President: James F. Brazier.

Souther Steel & Aluminum Co. (A,H)
1952 Kienlen Ave., Zone 33.
Phone: EVergreen 5-5900.
President: Lee J. Haines.

†R. H. Spangler & Co., Inc. (A,H,R)
4414 W. Papin St., Zone 10.
Phone: JE. 1-4122.
President: R. H. Spangler.

Spence-Frank & Co. (A,H,R)
7029 Manchester, Zone 17.
Phone: MI. 5-5163.
President: Harold A. Spence.
Vice President: Donald P. Frank.

†R. E. Thompson Supply Co. (A,H,R)
1532 Tower Grove Ave., Zone 10.
Phone: PR. 2-9311.
President: S. Nill Mohler, Jr.

*R. E. Thompson Supply Co. (A,H,R)
1237 Hodiamont Ave., Zone 12.
Phone: PArkview 5-4410.
Manager: Nill G. Mohler.

SPRINGFIELD

Hoffman Supply Co. (A,R)
428 N. Jefferson St. Phone: UN. 2-6771.
Owner: Margaret E. Hoffman.

MONTANA

BILLINGS

†Temperature Supply Co. (A,H,R)
425 N. 31st St. Phone: AL. 9-4594.
N. L. Sulenes.

BOZEMAN

Montana Air Conditioning Co., Inc.
312 E. Main. (A,H,R)
President: W. G. Hickey.

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WICHITA 2, KANSAS
PHONE AMHERST 7-3345

315 KANSAS AVE.
TOPEKA, KANSAS
CENTRAL 3-0559

MONTANA

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GREAT FALLS

*Temperature Supply Co. (A,H,R)
515 Second Ave., S.
Manager: F. W. Pond.

NEBRASKA

GRAND ISLAND

*Dennis Supply Co. (A,H,R)
718 W. Front St.
Manager: William Brock.

LINCOLN

Belknap Co. (A,H)
1100 No. 14th St., Zone 1. Phone: 432-6417.
Owner: L. L. Belknap.

Wickham Supply Co. (A,H,R)
1935 Que St.
J. F. Wickham.

OMAHA

Air Conditioning Equipment Co. (A,H,R)
417 S. 10th St., Zone 2.
Preston W. Evans.

Dennis Supply Co. (A,H,R)
2917 Douglas St. Phone: 342-2277.
W. M. Titus.

General Engineering Inc. (A,H,R)
3829 Lake St., Zone 31. Phone: 553-8811.
President: W. C. Horn.

John Klich Refrigeration Supply (A,H,R)
221 N. 25th St., Zone 31. Phone: 342-0044.
President: J. F. Klich, Jr.

Plumb Supply-Omaha, Inc. (A,H,R)
942 N. 24th St., Zone 2. Phone: 341-3150.
President: A. E. Bennett.

Ruegg Supply Co. (A,H,R)
810 N. 20th St., Zone 2. Phone: 345-4060.
President: Carl S. Ruegg.

White Refrigeration Supply, Inc. (A,H,R)
1608 Webster. Phone: 342-5772.
Manager: Frederic F. Jenness.

NEVADA

LAS VEGAS

*L. B. Marsh Allied Refrigeration (A,R)
308 E. Charleston Blvd.
Manager: Mr. McConnel.

Refrigeration Supplies Distributor
1129 Western St.

RENO

Acme Supply Co. (A,H,R)
265 Keystone Ave. Phone: FA. 2-8638.
President: Louis Dickens.

NEW HAMPSHIRE

MANCHESTER

*A. E. Borden Co., Inc. (A,R)
60 Beech St. Phone: NA. 3-8033.
Manager: Lester Levesque.

Cobe & Foster, Inc. (A,H,R)
566 Willow St.
Phone: NA. 2-9642, 3-2853, 3-1141.
President: Harry H. Cobe.

NEW JERSEY

ATLANTIC CITY

Atlantic City Auto Supply Co. (R)
3815 Atlantic Ave. Phone: 345-3288.
Arthur Peskoe.

AVON (BY THE SEA)

*Wallwork Bros., Inc. (A,H,R)
813 Main St. Phone: PRospect 5-9100.
Manager: A. Eugene Wallwork.

CAMDEN

Fleck Bros. Co. (A,H,R)
Haddon Ave. & Line St., Zone 3.
Phone: WO. 3-4646.
President: W. H. K. Fleck.

*United Refrigeration, Inc. (A,R)
1182 Kaighn Ave.

ELIZABETH

Abe Gruber & Co., Inc. (A,H,R)
416 W. Grand St. Phone: FL. 1-0300.
President: Abe Gruber.

HILLSIDE

Jay Levins, Inc. (A,R)
380 Hillside Ave.
President: H. J. Levins.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
1284 N. Broad St.
Phone: ELizabeth 2-4006.
Manager: E. Grab.

JERSEY CITY

Havall Refrigeration Supply (A,R)
3501 Hudson Blvd., Zone 7.
President: Vincent Borrowdale.

LODI

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
50 Mercer St. Phone: PRescott 3-8305.
Manager: J. Chapman.

MERCHANTVILLE

*Sid Harvey, Inc. (H)
11 Harvard Ave. Phone: NO. 2-6060.

MONTCLAIR

*Wallwork Bros., Inc. (H)
145 Glen Ridge Ave.
Phone: PIlgrim 6-1500.
Manager: Chris Peterson.

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NEW JERSEY

(Continued)

NEW BRUNSWICK

*Tesco Distributors, Inc. (A,R)
40 Throop Ave. Phone: KI. 5-2361.
Manager: Al Hedemann.

NEWARK

*Sid Harvey, Inc. (H)
88 Stuyvesant Ave., Zone 6.
Phone: ES. 5-2800.

Luce, Schwab & Kase, Inc. (A,R)
292 Sussex Ave., Zone 7.
Phone: HU. 2-1208.
Geo. G. Luce.

Tesco Distributors (A,R)
78 Boston St., Zone 3. Phone: MI. 2-5346.
President: Theodore Yecies.

†Wallwork Bros., Inc. (A,H,R)
120 N. 11th St., Zone 7.
Phone: HU. 4-7000.
Treasurer: Ernest E. Wallwork.

OCEAN GROVE

*Tesco Distributors, Inc. (A,R)
108 S. Main St. Phone: PR. 4-1188.
Manager: Frank Evans.

PASSAIC

Blazer Corp. (A,R)
173 Market St. Phone: PR. 7-7711.
President: B. V. Blazer.

PATERSON

White & Shauger, Inc. (A,H,R)
435 Straight St. Zone 3.
Phone: MU. 4-7880.
Secretary: Harry F. Demarest.

RIDGEFIELD

†Melchior, Armstrong, Dessau, Inc. (A,H,R)
730 Grand Ave. Phone: WH. 3-5900.
President: Arnold Dessau.

TRENTON

*Allied Electric Appliance Parts, Inc. (A,R)
Bridge & Lamberton St.
Phone: LY. 9-4535.
Manager: Ronald Macaulay.

†Jaeger's Sales & Supplies, Inc. (A,H,R)
Dover & Robbins Aves., Zone 8.
Phone: TU. 2-8100.
President: Harry H. Jaeger.

*Jaeger's Sales & Supplies, Inc. (A,H,R)
1202 S. Olden Ave. Phone: JU. 6-4000.

New York Plumbing Supply Co. (A,H,R)
535-39 Chestnut Ave., Zone 10.
Phone: EX. 3-7125; EX. 3-7126.
Partner: Bernard Mayzell.

NEW MEXICO

ALBUQUERQUE

†Airco Supply Co. (A,H,R)
111 Marble Ave. N.W. Phone: 243-3529.
President: J. I. Gaona.

Climate Equipment & Distributing Co.
2325 Menaul, N.E. (A,H)
Phone: DI. 4-2309.
President: R. J. Wieland.

M & M Refrigeration Supply (A,H,R)
2407 Commercial N.E. Phone: CH. 7-4191.
President: Don Miller.
Vice President: L. A. Miller.
Manager: J. Frank Norris.

Yucca Wholesalers, Inc. (A,R)
2220 First St., N.W. Phone: CH. 7-0509.
Manager: Dewey Burnworth.

ROSWELL

*Airco Supply Co. (A,H,R)
109 E. Seventh St. Phone: MA. 3-3525.
Manager: L. E. Ragsdale.

NEW YORK

ALBANY

*Sid Harvey, Inc. (H)
1706 Central Ave., Zone 5.
Phone: UN. 9-9244.

†R. D. Marshall & Co., Inc. (A,R)
N. Pearl & Van Woert Sts., Zone 1.
President: R. Douglas Marshall.

BALDWIN, L. I.

*New York Plumbers' Specialties Co., Inc.
81-83 Merrick Rd. (A,H)
Phone: BAldwin 3-0837.

BINGHAMTON

Meier Supply Co., Inc. (A,R)
221 Front St. Phone: RA. 4-2451.

BRONX

Commercial Controls Co.
1463 Crotona Pl., Zone 56.
Phone: WY. 2-5083.

†New York Plumbers' Specialties Co., Inc.
20 Bruckner Blvd., Zone 54. (A,H)
Phone: MOtt Haven 5-2500.
President: Joseph Marin.
Treasurer: Sam Klein.

Schwartz Wholesalers, Inc. (A,R)
2072 Jerome Ave., Zone 53.
Phone: CY. 5-4350.
Secretary-Treasurer: Samuel B. Schwartz.
President: Sam Schwartz.

BROOKLYN

*ABCO Refrigeration Supply Co. of N. Y.
1255 Utica Ave. Phone: NA. 9-0990. (A,R)
Managers: W. Peck, Mike Cascone.

(Continued)

NEW YORK

BROOKLYN (Continued)

*The Air Supply Corp. (A,H)
331 Fourth St., Zone 15.
Phone: SO. 8-7317.

†The Capson Co., Inc. (A,H,R)
737 Bergen St., Zone 38.
Phone: MA. 2-0070.
President: Charles A. Pose.
Vice President: Raymond Pose.

Coleman Electrical Supply Co., Inc. (A,R)
354 36th St., Zone 32.
Phone: STerling 8-3300.
President: Nathan Coleman.

Continental Distributors, Inc. (A,R)
345 Nassau Ave., Zone 22.
Phone: ST. 2-7817.
President: Ted Hamber.

Excel Refrigeration Supplies, Inc. (A,R)
2804 Ave. D, Zone 26.
Phone: BUckminister 7-1230, 7-1231.
Secretary-Treasurer: Nat Steinberg.

Frigitemp Corp. (A,R)
329 Herzl St., Zone 12.
Phone: DI. 5-2950-1-2-3.
President: Gerald Lee.

Halsey Supply Co. (A,R)
241 Halsey St., Zone 16.
Phone: GL. 2-3532.
Stanley Rothman, Morton Meyer.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
2701 Atlantic Ave., Zone 17.
Phone: MIdway 7-2600.
Manager: W. Fassig.

Victory Controls (A,R)
508 Livonia Ave., Zone 7.
Phone: DI. 6-2059.
Partners: Milton Weiner, Harry Mesher.

BUFFALO

*Sid Harvey, Inc. (H)
1290 Sheridan Dr., Zone 17.
Phone: TR. 6-3265.

Jordan Supply Co., Inc. (A,R)
95 Elm St., Zone 5, Phone: TL. 6-7200.
T. F. Jordan.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
329 E. Genesee St., Zone 4.
Phone: TL. 3-0272.
Manager: D. Stone.

North Star Supply Co., Inc. (A,H)
255 Pratt St., Zone 4.
Vice President: F. J. Sausen.

Root, Neal & Co. (A,R)
64 Peabody St., Zone 10.
Phone: TA. 4-6406.
President: S. R. Neal.

ELMIRA

Brady Supply Corp. (A,R)
649-653 Madison Ave.
Phone: REgent 3-6591.
Department Manager: K. A. Davies.

FAR ROCKAWAY, L. I.

*New York Plumbers' Specialties Co., Inc.
1286 Brunswick Ave., Zone 91. (A,H)
Phone: FAr Rock. 7-3777.

GARDEN CITY

*Sid Harvey, Inc. (H)
Oak & Chestnut Sts. Phone: PL. 1-3730.

HEMPSTEAD, L. I.

†The Air Supply Corp. (A,H)
19 W. Columbia St. Phone: IV. 3-1271.
President: Charles W. Miller.

HICKSVILLE, L. I.

ABCO Refrigeration Supply Co. (A,R)
240 Old Country Rd.
Phone: WElls 8-8400.
Managers: Al Ellner, G. Rubino.

JAMAICA

*Sid Harvey, Inc. (H)
139-29 Queens Blvd., Zone 35.
Phone: JA. 6-0330.

*New York Plumbers' Specialties Co., Inc.
156-02 Liberty Ave., Zone 31 (A,H)
Phone: JAmaica 6-4600.

†Wholesale Distributors, Inc. (A,H,R)
148-24 Liberty Ave., Zone 35.
President: Murray Bergman.

LONG ISLAND CITY

Air Conditioning Supply Co., Inc. (A,R)
45-22 Vernon Blvd., Zone 1.
Phone: EXeter 2-3856.
Secretary: Walter R. Kurzmann.

†Burns Heating Supply Co., Inc. (A,H)
28-31 Thomson Ave., Zone 1.
Phone: ST. 6-2020.
A. E. Burns.

†Motors & Armatures, Inc., Relay Div.
31-24 14th St., Zone 6. (A,H,R)
Phone: RA. 1-5252.
President: Sol Chernoff.
Vice President: Sam Hammer.

*Motors & Armatures, Inc. (A,H,R)
25-10 38th Ave., Zone 1.
Phone: EX. 2-3523.
President: Sol Chernoff.

Refrigeration Sales Co., Inc. (A,R)
23-44 Steinway St., Zone 5.
Phone: RA. 1-3100.

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NEW YORK

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LYNBROOK

*Sid Harvey, Inc. (H)
37 N. Prospect Ave. Phone: LY. 3-4660.

MOUNT VERNON

Eastern Supply Co. (A,H,R)
521 E. Third St. Phone: MO. 7-0770.
Partners: L. R. Gelles, R. Nissman.

*Sid Harvey, Inc. (H)
510 S. Columbus Ave. Phone: MO. 8-3631.

*New York Plumbers' Specialties Co., Inc.
15-21 South Sixth Ave. (A,H)
Phone: FAirbanks 4-2430.

NEW HYDE PARK

*The Capson Co., Inc. (A,H,R)
1014 Jericho Tpk.
Raymond J. Pose.

*New York Plumbers' Specialties Co., Inc.
425 Jericho Tpk. (A,H)
Phone: FLoral Park 4-3303-04; FI. 7-2036.
Manager: Lou Miller.
Assistant Manager: Murray Pearl.

NEW YORK CITY

†ABCO Refrigeration Supply Co. of N. Y., Inc. (A,R)
333 E. 103rd St., Zone 29.
Phone: TR. 6-8900.
President: J. A. Gottlieb.
Manager: A. Resler.

Aetna Supply Co. (A,R)
503 Wales Ave., Zone 55.
Irving J. Fajans.

The Harry Alter Co., Inc. (A,H,R)
134 Lafayette St., Zone 13.
Phone: WO. 6-1440.
Executive Vice Pres.: Warren Kahn.

Blasco Supply Co. (A,R)
419 E. 162nd St., Zone 51.
Phone: WY. 2-2500.
Peter M. Blasco.

Central Refrigeration Supply Co. (A,R)
2 E. 45th St., Zone 17. Phone: MU. 7-6865.
Owner: John R. Powelson.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
304 E. 39th St., Zone 16.
Phone: MUrray Hill 4-6080.
Manager: E. Madden.

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*New York Plumbers' Specialties Co., Inc.
225 West 13th St., Zone 11. (A,H)
Phone: CHelsea 3-1114.

Paramount Electrical Supply Co., Inc.
19 Beekman St., Zone 38. (A,H,R)
Phone: WO. 4-4321.
Vice President: H. Hammersley.

Reese & Long Refrigeration Products, Inc. (A,R)
1891 Park Ave., Zone 35.
President: R. C. Reese.

†Traco Industrial Corp. (A,R)
461 W. 126th St., Zone 27.
President: G. Wise.

*Wholesale Distributors, Inc. (A,H,R)
698 Tenth Ave.
Manager: Leonard Bergman.

ONEIDA

Oneida Supply Co., Inc. (H)
436 W. Railroad St. Phone: FN. 3-5600.
President: E. M. Braun.

POUGHKEEPSIE

Swift Parts Supply (A,R)
822 Main St. Phone: GR. 1-2610.
Owner: Stanley S. Swift.

ROCHESTER

†Genesee Refrigeration Supplies, Inc.
265 N. Plymouth Ave., Zone 8. (A,R)
Phone: LO. 2-7390.
H. Dyminski.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
795 Main St. W., Zone 11.
Phone: FAirview 8-6747.
Manager: E. Monarski.

Nohle Refrigeration Supplies (A,R)
1144 E. Main St., Zone 9.
Phone: HU. 2-3876.
Manager: L. B. Nohle, Jr.

Ontario Metal Supply, Inc. (A,R)
691 Exchange St. Phone: HA. 6-1630.
H. S. Norris.

SYRACUSE

C. & C. Supply Co. (A,H)
196 S. Geddes St., Zone 4.
Phone: GR. 5-9987.
R. T. Gorman.

Case Industrial Supply (A,H)
115 N. Geddes St., Zone 1.
Phone: HA. 2-4125.
President: Joseph A. Cicci.

*Central Service Supply (A,R)
649 S. Warren St., Zone 2.
Phone: GRanite 1-4343.
R. L. Glou.

*Genesee Refrigeration Supplies, Inc. (A,R)
950 S. Salina St., Zone 4.
Phone: GR. 5-3131.
Manager: T. Mellinger.

W. H. Landers Co., Inc. (H)
901 N. State St., Zone 1.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
1119 N. State St., Zone 8.
Phone: GRanite 1-0161.
Manager: R. Lucy.

Stove & Furnace Repair House, Inc. (H)
128 N. Warren St., Zone 2.
Phone: HA. 2-3946.
Michael Nevaldine.

UTICA

*R. D. Marshall & Co., Inc. (A,R)
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Vaeth Electric Co. (A,H,R)
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†Sid Harvey, Inc. (H)
100 E. Mineola Ave. Phone: VA. 5-5654.
President: Stephen R. Harvey.

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Frederick H. Frary (A,R)
303 Keyes Ave., P.O. Box 148.
Phone: SUnset 2-4543.
F. H. Frary.

WEST BABYLON

*Burns Heating Supply Co., Inc. (A,H)
P.O. Box 1068, 266 Farmingdale Rd.
Vice President: J. J. Stone.

WHITE PLAINS

Marco Refrigeration Supply Corp. (A,R)
39 Winchester St.
Phone: WHite Plains 6-2020.
President: Nicholas Marco.
Manager: Joseph DiNardo.

*New York Plumbers' Specialties Co., Inc.
Virginia Rd. (A,H)

YONKERS

*New York Plumbers' Specialties Co., Inc.
68 Warburton Ave., Zone 2. (A,H)
Phones: LO. 2-9530; YO. 5-5800.

NORTH CAROLINA

ASHEVILLE

*Henry V. Dick & Co., Inc. (A,H,R)
271 McDowell St. Phone: AL. 3-3652.
Manager: T. E. Crawford.

CHARLOTTE

*Atlas Supply Co. (A,H)
101 W. Tremont Ave.
Phone: EDison 2-3171.
Manager: F. B. Shumate.

*Bowen Refrigeration Supplies, Inc. (A,R)
628 W. Morehead St. Phone: 333-5441.
Manager: Tell Blackwell.

†Henry V. Dick & Co., Inc. (A,H,R)
1423 S. Tryon St., Phone: ED. 3-6664.
President: C. C. Dickson.

Carolina Heating & Appliance Co. (A,H)
2233 N. Graham St., Zone 1.
Phone: ED. 4-9741.
President: Carl W. Kissiah.

*General Equipment Co. (A,H)
2132 Hawkins St. Phone: 375-8401.

*Graves Supply Co. of Charlotte (A,H,R)
1931 Bancroft St. Phone: 377-1567.
Manager: Jim Alford.

DURHAM

*Noland Co., Inc. (A,H)
116 Broadway St. Phone: 681-2066.
Manager: J. K. Donohue.

Southernair Co. (A,H)
806 Ramseur St. Phone: 682-9301.
President: Sterling Nicholson.

FAYETTEVILLE

*Hasco, Inc. (A,R)
903 Bragg Blvd. Phone: HE. 3-3978.
Manager: Ralph Johnson.

GASTONIA

Moore & Stewart, Inc. (A,H,R)
121-127 E. Franklin Ave.
Phone: UN. 5-2000.
Vice President: D. W. Cruse.

GREENSBORO

*Henry V. Dick & Co. of Greensboro
853 Huffman St. Phone: 274-7678. (A,H,R)
Manager: David E. Spivey.

Glascock Distributing Co., Inc. (A,H)
862 S. Elm St. Phone: BR. 2-5142.
President: Louis L. Glascock.

†Hasco, Inc. (A,R)
518 N. Spring St. Phone: BR. 2-2748.
President: H. W. Welker, Jr.

†Loman-Garrett Supply Co., Inc. (A,H)
509 S. Edgeworth St. Phone: BR. 3-8253.
Vice Pres. & Gen. Mgr.: J. Orville Garrett.

GREENVILLE

Carolina Sales Corp. (A,H,R)
P.O. Box 404.
Department Manager: F. H. Worsley.

KINSTON

*Noland Co., Inc. (A,H,R)
410 N. Heritage St.
Phone: JAckson 3-6171.
Manager: Carl Watson.

RALEIGH

*Atlas Supply Co. (A,H)
209 W. Martin St. Phone: TEmple 4-4317.
Manager: O. S. Moore.

*Henry V. Dick & Co., Inc. (A,H,R)
314 W. Lenoir St. Phone: 832-2067.
Vice President & Mgr.: Wade V. Carter.

†General Equipment Co. (A,H)
1401 S. Bloodworth St. Phone: TE. 2-8375.
B. F. Carter.

*Noland Co., Inc. (A,H,R)
1117 Downtown Blvd.
Phone: TEmple 4-3471.
Manager: W. A. Wilkinson.

ROCKY MOUNT

Womack Electronics, Inc.
105 Marigold St.

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NORTH CAROLINA

(Continued)

WILMINGTON

*Henry V. Dick & Co., Inc. (A,H,R)
223 N. Seventh St. Phone: RO. 3-7551.
Manager: Jerry R. Williams.

WILSON

*Noland Co., Inc. (A,H,R)
615 N. Tarboro St. Phone: 243-6146.
Manager: L. F. Lawing.

WINSTON-SALEM

†Atlas Supply Co. (A,H)
236 S. Liberty St. Phone: PA. 2-6112.
President & Treasurer: E. L. Davis, Jr.

*Henry V. Dick & Co., Inc. (A,H,R)
75 Waughtown St., S. E.
Phone: PA. 3-4396.
Manager: David E. Spivey.

Hasco, Inc. (A,R)
643 Brookstown Ave., Phone: PA. 4-9131.
Manager: Donald Neese.

*Noland Co., Inc. (A,H)
2100 Glendale St., Zone 1.
Phone: PArk 5-1351.
Manager: T. B. Holcombe.

NORTH DAKOTA

FARGO

Heating Equipment Supply, Inc. (A,H)
1418 First Ave. N. Phone: AD. 5-6601.
President: Roy E. Hartke.

*Refrigeration Supply Co., Inc. (A,H,R)
13 Ninth St. S. Phone: AD. 2-3204.
Manager: L. M. Daly.

*Thermal Co., Inc. (A,H,R)
1441 Fourth Ave. N.
Phone: ADams 2-8884.
Manager: Russ Buhaug.

MINOT

Reeves Refrigeration & Heating Supply Co. (A,H,R)
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J. P. Reeves.

OHIO

AKRON

Davey Sales Co. (A,R)
468 E. Market St., Zone 4.
Phone: FRanklin 6-5141.
President: E. H. Davey.

*The Famous Furnace Co. of Akron
167 Hill St. Phone: HE. 4-5196. (A,H,R)
Manager: Arthur A. Solomon.

H & C Supply Co., Inc. (A,H)
133 N. Summit St., Zone 4.
Phone: 376-1011.
President: S. H. Kelly.

*Refrigeration Supplies, Inc. (A,R)
354 Spicer St., Zone 4. Phone: 336-3167.
Manager: James P. Smith.

*Robertson Heating Supply Co. of Akron
275 N. Forge St. (A,H)

ALLIANCE

†Robertson Heating Supply (A,H)
500 W. Main St. Phone: TA. 1-9180.
President: John Robertson.

CAMBRIDGE

*Robertson Heating Supply Co. of Cambridge (A,H)
949 Carlisle Ave.

CANTON

Refrigeration Economics Co., Inc. (A,R)
1231 E. Tuscarawas, Zone 2.
Phone: GL. 6-2789.
Carl F. Howenstine.

*Robertson Heating Supply Co. of Canton
Rear of Dueber at Sixth (A,H)

CHILLICOTHE

*W. H. Kiefaber Co. (A,H,R)
Route 23 N. Phone: 3-2238.
Manager: Robt. Blackwood.

CINCINNATI

Allied Distributing Co. (A,H)
2844 Spring Grove. Phone: LI. 2-2300.
President: Tom Wides.

*Mason Supply Co. (A,R)
2628 Kemper Lane, Zone 6.
Phone: PL. 1-2111.
Manager: Arthur Dorman.

†The Mutual Mfg. & Supply Co. (A,H,R)
3286 Spring Grove Ave., Zone 25.
Phone: KI. 1-2330.
President: A. P. Barton.

Radio, TV & Refrigeration Supply, Inc.
1129 Walnut St., Zone 10. (R)
Phone: MA. 1-2940.
R. J. Hagemeyer.

F. E. Winstel Co. (A,H)
3460 Spring Grove Ave., Zone 25.
Phone: LI. 2-3456.

CLEVELAND

Cleveland Hermetic & Supply, Inc. (A,R)
3199 W. 117th St., Zone 11.
Phone: WI. 1-0470.
Elmer H. Wiedwald.

Debes Refrigeration Supply Co. (A,R)
14723 Miles Ave., Zone 28.
Phone: SK. 2-7171.
President: H. B. Clyde.

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OHIO

CLEVELAND (Continued)

†The Decker Reichert Steel Co. (A,H)
4500 Train Ave., Zone 2.
Phone: AT. 1-7900.
W. C. Anderson.

†The Famous Furnace Co. (A,H,R)
6420 Woodland Ave., Zone 4.
Phone: UT. 1-5700.
President: H. Blanshild.
Manager: John Y. Petrie.

†Refrigeration Supplies, Inc. (A,R)
4823 Superior Ave., Zone 3.
Phone: 391-8585.
President: James H. Downs.

*Williams & Co., Inc. (A,R)
3700 Perkins Ave., Zone 14.
Phone: UT. 1-5000.

COLUMBUS

†Mason Supply Co. (A,H,R)
289 Cleveland Ave., Zone 3.
Phone: CA. 8-3271.
President: Nedford K. Mason.

†Ohio Furnace Co., Inc. (A,H)
1003 Kinnear Rd., Zone 12.
Phone: HU. 6-5287.
President: L. G. Hickok.

†The Palmer Donavin Mfg. Co. (A,H,R)
750 Twin River Dr., Zone 12.
Phone: CA. 8-4356.
P. J. Woodward.

F. O. Schoedinger, Inc. (A,H)
322-358 Mt. Vernon Ave., Zone 16.
Phone: CA. 1-4166.
Manager Heating & Cooling Div.: H. C. Jaynes.

*Williams & Co., Inc. (A,R)
900 Williams Ave., Zone 8.
Phone: AX. 4-1623.

DAYTON

†Allied Supply Co., Inc. (A,H,R)
1100 E. Monument Ave., Zone 2.
Phone: 224-9833.
Store Manager: Dan Shively.

†W. H. Kiefaber Co. (A,H,R)
40 Keowee St., Zone 1. Phone: BA. 3-2192.

*Ohio Furnace, Inc. (A,H)
1944 Stanley Ave., Zone 4.
Phone: BA. 3-1218.

EAST LIVERPOOL

*Robertson Heating Supply Co. of E. Liverpool (A,H)
312 W. Fourth St.

HAMILTON

*Allied Supply Co., Inc. (A,H,R)
Sixth & Rigdon Sts. Phone: TW. 5-6907.
Manager: Phil Martin.

*W. H. Kiefaber Co. (A,H,R)
1900 Fairgrove Ave. Phone: TW. 4-8377-8.
Manager: Paul Slezak.

LIMA

*Allied Supply Co., Inc. (A,H,R)
460 S. Main St. Phone: 223-0045.
Manager: Dick Roberts.

Lima Supply Co. (A,H)
311 N. Central Ave. Phone: CA. 5-7896.
R. L. Stuber.

*The Palmer-Donavin Mfg. Co. (A,H,R)
226 E. McKibben. Phone: CA. 5-2045.

LORAIN

*The Famous Furnace Co. of Lorain
125 E. 20th St. (A,H,R)
Phone: CH. 5-6874.
Manager: Harold Frires.

MANSFIELD

*The Famous Furnace Co. of Mansfield
83 Smith Ave. (A,H,R)
Phone: LA. 4-0411.
Manager: Mathew J. Bosch.

NEWARK

*The Famous Furnace Co. of Newark
161 O'Bannon Ave. (A,H,R)
Phone: FA. 9-6171.
Manager: Leonard V. Gongola.

NEW PHILADELPHIA

*Robertson Heating Supply Co. of New Philadelphia (A,H)
524 Bowers St. N. W.

SPRINGFIELD

Allied Supply Co., Inc. (A,H,R)
217 W. Washington. Phone: 325-0101.
Manager: J. W. Van DeGrift.

W. C. Downey & Co., Inc. (A,H,R)
501 W. Euclid Ave. Phone: FA. 5-2474.
Vice Pres. & Gen. Mgr.: Victor V. Prince.

STEUBENVILLE

*The Famous Furnace Co. of Steubenville
934 W. Adams St. (A,H,R)
Phone: AT. 2-2759.
Manager: James W. Paddock.

*Robertson Heating Supply Co. of Steubenville (A,H)
129 Butte St.

TOLEDO

The Heat & Power Engineering Co. (A,R)
1214-16 Adams St., Zone 2.
Phone: 241-1161.
President: E. M. Gresham.

Heating Trades Supplies, Inc. (A,H)
1714 N. Twelfth St., Zone 2.
Phone: CH. 4-4657.
President: W. H. Abbenzeller.

(Continued)

OHIO

TOLEDO (Continued)

Kamm Supply Co., Inc. (A,H,R)
2022 Adams St., Zone 2.
Phone: CH. 3-3108.
President: Robert C. Kamm.

WADSWORTH

*Robertson Heating Supply Co. of Wadsworth (A,H)
120 Tolbert St.

WARREN

*The Famous Furnace Co. of Warren
2436 Niles Rd. (A,H,R)
Phone: EX. 4-2563.
Manager: Thomas McCombs.

YOUNGSTOWN

*Refrigeration Supplies, Inc. (A,R)
1400 Hillman St. Phone: 747-0163.
Manager: J. Dallas Nutt.

*Robertson Heating Supply Co. of Youngstown (A,H)
305 North Ave.

Superior Electrical Supply Co. (A,R)
17 Front St., Zone 1. Phone: RI. 7-7231.
Owner: A. H. Staudmeister.

Torok Supply (A,H)
52 S. Meridian Rd., Zone 9.
Phone: SW. 9-6677.
Owner: Victor E. Torok.

ZANESVILLE

*Robertson Heating Supply Co. of Zanesville (A,H)
130 N. Third St.

OKLAHOMA

BARTLESVILLE

*Archer-Hinman Supply Co. (A,H,R)
130 N. Park St., Box 28.
Phone: FE. 6-3115.
O. C. Deaton.

LAWTON

*Jones-Newby Supply Co. (A,H,R)
113 "C" Ave. Phone: EL. 5-1155.
Manager: Bob Morris.

*Waugh Bros. Supply Co. (A,H,R)
24 E St. Phone: EL. 5-7050.
Manager: Dan DeVilbiss.

MUSKOGEE

*Jones-Newby Supply Co. (A,H,R)
116 Denison St. Phone: MU. 7-6101.
Manager: E. A. Jones, Jr.

OKLAHOMA CITY

†Jones-Newby Supply Co. (A,H,R)
9 N. E. 23rd St., Zone 5.
Phone: JA. 5-3341.
Manager: C. G. Gardner.

M & V Supply Co., Inc. (A,H,R)
1003 West Reno, Zone 4.
Phone: CE. 5-3333.
President: A. R. Morin.

†Waugh Brothers Supply Co. (A,H,R)
2015 N. W. Seventh, Zone 6.
Phone: CE. 6-1511.
President: John Waugh.

PONCA CITY

*Palmer Supply Co. (A,H,R)
209 S. Second St.

TULSA

†Archer-Hinman Supply Co. (A,H,R)
P.O. Box 518, 314 E. Archer St.
Phone: LU. 4-3337.
D. Jack Archer.

*Jones-Newby Supply Co. of Tulsa, Inc.
202 E. First St. (A,H,R)
Phone: LU. 5-1757.
Manager: M. D. Karr.

†Palmer Supply Co. (A,H,R)
317 S. Trenton St., Zone 20.
Phone: LU. 7-9491.
President: R. W. Palmer.

*Waugh Bros. Supply Co. (A,H,R)
218 E. First. Phone: LU. 7-8121.
Manager: Clay Harris.

OREGON

EUGENE

*Peerless Pacific Co. (A,R)
P.O. Box 1014. Phone: DI. 4-6203.
W. W. Critchett.

*Refrigerative Supply, Inc. (A,H,R)
340 Fifth Ave., W.
Manager: Howard Coy.

PORTLAND

†Johnstone Supply (A,R)
931 S.E. Sixth Ave., Zone 14.
Phone: BE. 5-3111.
Manager: P. W. Wilson.

McPherson Furnace & Supply Co. (A,H)
1805 N. E. Second Ave., Zone 12.
Phone: ATlantic 7-1281.
President: A. S. Weiant.
Manager: D. M. Keefer.

Pacific Appliance Parts (A,R)
326 S.E. Morrison, Zone 14.
Phone: BE. 5-3161.
Partner: C. K. Farrand.

†Peerless Pacific Co., Refrigeration Div.
2238 N. Interstate, Zone 12. (A,R)
Phone: AT. 8-5111.
Division Manager: Stephen S. Babson.

(Continued)

OREGON

PORTLAND (Continued)

*Refrigerating & Power Specialties Co.
1134 S. E. Stark St., Zone 14. (A,H,R)
Phone: BE. 2-1134.
Manager: W. W. Sonnenberg.

†Refrigerative Supply, Inc. (A,H,R)
619 S. E. Sixth, Zone 14.
President & Sales Manager: W. J. Hieber.

PENNSYLVANIA

ALLENTOWN

*Sid Harvey, Inc. (H)
1015 Hanover Ave. Phone: HE. 5-9017.

†Larson Supply Co. (A,H,R)
310 Hanover Ave. Phone: 434-9676.
Owner: O. A. Larson.
Manager: G. O. Zeiner.

ALTOONA

Allen Supply Co. (A,H,R)
1227-31 Ninth Ave. Phone: WI. 3-6194.
Owner: E. C. Makdad.

BEAVER FALLS

*Robertson Heating Supply Co. of Beaver Falls ((A,H)
929 First Ave.

BRIDGEPORT

*Sid Harvey, Inc. (H)
Box 11, Borough Line Rd.
Phone: BR. 9-0250.

ERIE

*The Decker Reichert Steel Co. (A,H)
1625 Ash St. Phone: GLendale 4-2446.
Manager: J. T. Roberts.

Erie Refrigeration Supplies (A,H,R)
1821 German St. Phone: GL. 6-4259.
P. V. Thompson.

Till Distributing (A,H)
314 W. 16th St. Phone: GL. 6-6203.
General Manager: Ambrose Till.

GREENSBURG

Eastern Refrigeration Supply Co. (A,R)
108-110 Harrison Ave.
Phone: TEmple 4-1555.
Owner: Fred E. Leeman.

HARRISBURG

The Bodwell Co., Inc. (A,H,R)
2327 N. Seventh St. Phone: CE. 2-4153.
Vice President: Paul D. Bodwell, Jr.

Resco, Inc. (A,R)
815-823 S. 26th St. Phone: CE. 3-4002
President: Russell D. Jones.

LEWISBURG

Busser Supply Co. (A,H)
519 Market St. Phone: JA. 3-1258.
General Manager: A. D. McFall.

PHILADELPHIA

Acar Supply Co. (A,H,R)
1733 Fairmount Ave., Zone 30.
Phone: CEnter 6-5100.
President: F. I. Purtell.
Manager: H. Kirschman.

Air Equipment Distributors (A,H,R)
334 East Cambria St., Zone 34.
Phone: GArfield 5-4500.
Vice Pres., Sales: Raymond D. Kreger.

†Allied Appliance Parts, Inc. (A,R)
1320 W. Erie Ave., Zone 40.
Phone: BA. 9-8800.
President: Frank L. Zuschlag.

*Allied Appliance Parts, Inc. (A,R)
5916 Market St., Zone 39.

*Allied Appliance Parts, Inc. (A,R)
5946 Germantown Ave., Zone 44.

M & E Refrigeration Accessories Co.
2035 Washington Ave., Zone 46. (A,R)
Phone: KI. 5-0820.
President: Thomas Evans.

*Melchior, Armstrong, Dessau, Inc. (A,H,R)
1516 Callowhill St., Zone 30.
Phone: LOcust 7-1516.
Manager: R. Quinn.

†United Refrigeration, Inc. (A,R)
4307 "G" St., Zone 24. Phone: PI. 4-1100.
President: John H. Reilly.
General Manager: W. J. Boyd.

*United Refrigeration, Inc. (A,R)
1618 Fairmount Ave., Zone 30.
Phone: PO. 5-2802.

Victor Sales and Supply Co., Inc. (A,H,R)
3939 "M" St., Zone 24. Phone: PI. 4-3900.
Exec. Vice President: A. H. Holcombe.
Vice President: W. R. Reeves.

PITTSBURGH

William M. Orr Co., Inc. (A,R)
N. Braddock at Thomas, Zone 8.
Phone: CHurchill 2-3000.
President: Wm. B. Orr.

Pennsylvania Industrial Supplies Co., Inc.
1234 Ridge Ave., Zone 33. (A,R)
Phone: AL. 1-5010.
Vice President: J. P. Michaels.

Proie Bros., Inc. (A,H,R)
850 Pennsylvania Ave., Zone 33.
Phone: AL. 1-7300.
John Proie.

Refrigeration Parts Co., Inc.
27th St. & Spring Way, Zone 22.

Williams & Co. (A,R)
860 Pennsylvania Ave., Zone 33.
Phone: CE. 1-8600.
Manager Refrig. Dept.: John M. Blair.

(Continued)

PENNSYLVANIA

(Continued)

READING

*Larson Supply Co. (A,H,R)
326 Buttonwood St. Phone: FR. 5-8441.
Owner: O. A. Larson.
Manager: R. A. Zuber.

SCRANTON

†Central Service Supply (A,R)
918 N. Washington Ave., Zone 9.
Phone: DI. 6-1565.
President: Theodore Glou.

General Radio & Refrigeration Co. (A,R)
1129 Wyoming Ave., Zone 9.
Phone: DI. 7-5033.
Wilson Gerstein.

SHARON

*Robertson Heating Supply Co. of Sharon
385 S. Oakland Ave. (A,H)

UNIONTOWN

*The Famous Furnace & Supply Co. of Uniontown (A,H,R)
85 Pittsburgh St. Phone: GE. 8-8580.

WARMINSTER

*Allied Appliance Parts, Inc. (A,R)
Street & York Rds.

WILKES-BARRE

Radio Service Co. (A,R)
346 S. Main St. Phone: VA. 3-1175.
Owner: E. F. Shuster.

RHODE ISLAND

PROVIDENCE

*A. E. Borden Co., Inc. (A,R)
624 Cranston St. Phone: DE. 1-4946.
Manager: George Steeves.

Twin City Supply Co. (A,R)
78 Charles St., Zone 1.
Phone: DExter 1-5930.
Henry Dziadosz.

SOUTH CAROLINA

CHARLESTON

Allen & Webb (A,R)
176 Meeting St. Phone: RA. 2-7791.

*Baker Bros., Inc. (A,H,R)
529 Meeting St., P.O. Box 2308 Sta.
Phone: RAymond 2-8858.
Manager: Aubrey D. Milligan.

*Noland Co., Inc. (A,H,R)
2026 Meeting St. Phone: SHerwood 4-8213.
Manager: M. W. Thomas.

COLUMBIA

*Atlas Supply Co. (A,H)
912 Gervais St. Phone: ALpine 4-0353.
Manager: R. F. Bobo.

*Henry V. Dick & Co., Inc. (A,H,R)
1900 Calhoun St. Phone: AL. 3-2207.
Vice President & Manager: E. S. Diggle.

*Noland Co., Inc. (A,H,R)
1409 Taylor St., Zone 1.
Phone: ALpine 3-7551.
Manager: J. W. Murray.

FLORENCE

*Henry V. Dick & Co., Inc. (A,H,R)
400 W. Evans St. Phone: MO. 2-1476.
Manager: Harry M. Epps.

*Loman-Garrett Supply Co., Inc. (A,H)
176 E. Front St. Phone: MO. 2-0262.
Vice President: George E. Dyke.

GREENVILLE

Henry V. Dick & Co., Inc. (A,H,R)
1812 N. Pleasantburg Dr.
Phone: CE. 5-0433.
Manager: W. L. Durham.

*Graves Supply Co. of Greenville (A,H,R)
904 Laurens Rd. Phone: CE. 9-1361.
Manager: Bob Webb.

SPARTANBURG

*Noland Co., Inc. (A,H,R)
717 Union St. Phone: 583-2701.
Manager: J. E. Wilson, Jr.

SOUTH DAKOTA

ABERDEEN

*Tem-trol Corp. (A,H,R)
1616 Sixth Ave., S.E.
Phone: BAldwin 5-5212.
Manager: L. C. Woodman, Sr.

RAPID CITY

*Tem-trol Corp. (A,H,R)
626 Rapid St. Phone: FIllmore 2-6400.
Manager: E. D. Pullen.

SIOUX FALLS

*Thermal Co., Inc. (A,H,R)
207 N. Nesmith. Phone: EDison 4-7784.
Manager: Bob Smith.

TENNESSEE

CHATTANOOGA

Industrial Specialties (A,R)
1726 Dayton Blvd., Zone 5.
Phone: AM. 6-8560.
Owner: Edwin W. Lawson.

Lookout Supply Co., Inc. (A,H)
1001 S. Hawthorne St., Zone 4.
Phone: MA. 4-2672.
Manager: R. C. Hamilton.

(Continued)

TENNESSEE

CHATTANOOGA (Continued)

*Noland Co., Inc. (A,H,R)
1724 Central Ave. Phone: AMhurst 7-1284.
Manager: J. S. D. Stovall.

Peglars, Inc. (A,H,R)
1601-1603 Cowart St., Zone 8.
Phone: AMherst 6-2179.
President: E. G. Huffaker.

JACKSON

Southern Supply Co. (A,H,R)
Orleans St. Phone: 7-7471.
Vice President: J. H. Meredith.

Tennessee Pump & Supply Co.
Box 390. Phone: 2-2531.
Sales Manager: Howard L. Ganoe.

JOHNSON CITY

*Noland Co., Inc. (A,H)
Walnut & Watauga Aves.
Phone: WAlnut 8-1121.
Manager: H. L. Routt.

*Refrigeration Equipment Co., Inc. (A,H,R)
615 W. Walnut. Phone: WA. 8-4033.

KINGSPORT

*Refrigeration Equipment Co., Inc. (A,H,R)
1810 E. Center St. Phone: CI. 6-8112.

KNOXVILLE

Knoxville Refrigeration Supply Co.
621 Lamar St., Zone 17. (A,H,R)
Phone: 524-2505.
Partner: C. E. Hall.

MEMPHIS

*Budlock Refrigeration Supply Co., Inc.
681 Poplar St. Phone: JA. 7-9467. (A,H,R)
Manager: Bland Bridges.

Nelson Supply Co. of Memphis (A,H,R)
2494 Summer Ave., Zone 12.
Phone: GL. 8-1102.

*Noland Co., Inc. (A,H)
357 Court Ave., Zone 3.
Phone: JAckson 5-1476.

*R. H. Spangler & Co., Inc. (A,H,R)
2089 York Ave., Zone 4.
Phone: BRoadway 4-0122.
Vice President: C. L. Brown, Jr.

†United Refrigeration Supply Co. (A,R)
366 S. Main St., Zone 3.
Phone: JA. 5-3788.
Manager: H. L. Parker.

NASHVILLE

*Budlock Refrigeration Supply Co., Inc.
1530 Demonbreun. Phone: AL. 6-1661.
Manager: John Dail.

Ed's Supply Co., Inc. (A,H,R)
145 12th Ave., N., Zone 3.
Phone: ALpine 4-5996.
President: W. E. Nance.

*Noland Co., Inc. (A,H)
72 Trimble St. Phone: ALpine 5-1251.
Manager: J. L. Kerr.

The Starr Co. (A,H,R)
1214 Demonbreun St., Zone 6.
Phone: AL. 5-5621.
President: Clarence L. Gennett.
Secretary: Gladys McIntosh.

UNION CITY

K-T Distributors, Inc. (A,H)
E. Main at G. M. O. Railroad.
Phone: TU. 5-1460.
President: C. J. Timm.

TEXAS

ABILENE

Refrigeration Supply & Electric Co.
1065 S. Second. (A,H,R)
Phone: OR. 2-3001.
Manager: Felix J. Stalls.

AMARILLO

Chas. Hogan Plumbing Supplies (A,H)
P.O. Box 1487, Fifth & Jefferson Sts.
Phone: DRake 2-7375.

*Jones-Newby of Texas, Inc. (A,H,R)
504 Harrison St. Phone: DR. 4-3731.
Manager: John Williams.

*Homer G. Maxey & Co. of Amarillo, Inc.
1010 W. Fifth St. (A,H)
Phone: DR. 3-7491.
Manager: Jack Lindsey.

Snook & Aderton, Inc. (A,H)
514 Crockett. Phone: DR. 2-2890.

*Waugh Bros. Supply Co. (A,H,R)
715 Van Buren. Phone: DR. 4-4683.
Manager: Max Harris.

AUSTIN

*Hub Supply Co., Inc. (A,H,R)
811 W.Fifth St.
Vice President & Mgr.: Kenneth Nelson.

K & M Supply Co. (A,H)
208 Brazos St., Zone 64.
Phone: GR. 2-3153.
President: George Warren.

†Milstead Co. (A,H,R)
315 Nueces, Zone 66. Phone: GR. 8-4623.
Wm. C. Milstead.

BEAUMONT

*Johnson Supply (A,H,R)
816 Mariposa. Phone: TE. 8-5251.
Manager: Jesse M. Smith.

(Continued)

TEXAS

BEAUMONT (Continued)

*L. E. Minns & Co. of East Texas, Inc.
1365 Crockett St. (A,H,R)
Phone: TE. 8-4788.
Manager: Leon Lackey.

*Solar Supply, Inc. (A,H,R)
1002 College St. Phone: TE. 3-7438.
Manager: John E. Currie, Jr.

†Standard Brass & Mfg. Co. (A,H,R)
705 Milam. Phone: TE. 3-2641.
Manager: D. H. Douglas.

*Thermal Supply (A,H,R)
1010 Fannin Ave. Phone: TE. 2-3428.
Manager: Jack Reynolds.

CORPUS CHRISTI

†Airtrol Supply, Inc. (A,R)
2701 Agnes St. Phone: TU. 2-8897.

*International, Inc. (A,H,R)
414 S. Port. Phone: TU. 3-7497.
Manager: T. J. Stewart.

*Thermal Supply (A,H,R)
Laredo at 20th St., P.O. Box 1935.
Phone: TU. 3-0853.
Manager: Jim Peterson.

DALLAS

*The Harry Alter Co., Inc. (A,H,R)
2332 Irving Blvd., Zone 7.
Phone: RI. 1-6588.
Joe Holub.

†Barbeck Refrigeration Supply Co., Inc.
1515 Edison, Zone 7. (A,H,R)
Phone: RI. 8-4568.
President: W. R. Barbeck.

Climate Supply Co., Inc. (A,H,R)
2332 Valdina St., Zone 7.
Phone: ME. 1-6840.
President: Geo. E. Sexton.

Dacco Supply Co., Inc. (A,R)
1708 Cedar Springs Rd., Zone 1.
Phone: RI. 7-7029.
M. L. Brown.

†Electrical Supply Corp. (A,R)
1101 McKinney Ave., Zone 2.
Phone: RI. 1-1652.
President: J. C. Robinson.

Electromotive Corp. (A,R)
1301 McKinney, Zone 2.
Phone: RI. 7-8493.
Manager: Grady L. Daniel.

Keller-Northrup, Inc. (A,H)
4616 Travis St., Zone 5.
Phone: LA. 6-7863.
President: Lynn L. Northrup, Jr.

Lone Star Supply & Equipment Co., Inc.
302 Stemmons Exwy., Zone 7. (A,H)
Phone: RI. 7-2429.
President: W. L. Pecena.

Snell Refrigeration Supply (A,R)
2900 Main St., Zone 26. Phone: RI. 2-6255.

EL PASO

†M & M Refrigeration Supply, Inc.
210 N. Poplar. (A,H,R)
Phone: KE. 3-2456.
President: L. A. Miller.
Vice President: Dorr M. Miller.

Refrigeration Suppliers, Inc. (A,R)
115 Durango St.
Secretary: D. L. Nobles.

FORT WORTH

†Koldaire Supply Co., Inc. (A,H,R)
200 Maryland St., Zone 4.
Phone: ED. 2-2368.
President: J. T. Threadgill.

*Motors & Armatures, Inc., Relay Div.
3919 Camp Bowie Blvd. (A,H,R)
Phone: PE. 8-1901.
Managers: Clyde Webb, Louis Levy.

†Tersco, Inc. (A,H,R)
3216 W. Vickery Blvd. Phone: ED. 2-7091.
President: Paul D. Cato.

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TEXAS

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GALVESTON

*Thermal Supply (A,H,R)
5008 Broadway. Phone: SO. 5-5526.
Manager: Valdie Jones.

GREENVILLE

Glassman Refrigeration Supply Co.
2810 Travis St. (A,H,R)
Phone: GLadstone 5-3131.
Owner: T. C. Glassman.

HARLINGEN

Hoctor Supply, Inc. (A,H,R)
608 W. Harrison. Phone: GA. 3-7155.
President: Ray Hoctor.

*International, Inc. (A,H,R)
219 E. Monroe. Phone: GA. 3-4338.
Manager: Eddie Bracht.

HOUSTON

*Airtrol Supply of Houston, Inc. (A,R)
908 Chenevert St., Zone 2.
Phone: CA. 7-6216.
Manager: R. Q. Thrasher.

†Johnson Supply (A,H,R)
2817 W. Dallas, Zone 19.
Phone: JA. 6-3211.
President: Carl I. Johnson.

*Johnson Supply (A,H,R)
2041 Telephone Rd., Zone 23.
Phone: WA. 8-3323.
Manager: Joe Elzner.

Leatherwood Supply Co. (A,H,R)
2005 McKinney, Zone 3.
Phone: CA. 4-2515.
President: T. W. Leatherwood.

†L. E. Minns & Co., Inc. (A,H,R)
1115 Naylor St. Phone: CA. 8-4385.
President: L. E. Minns.

*Standard Brass & Mfg. Co. (A,H,R)
7300 Ardmore St.
Manager: H. W. Booth.

*Star Steel Supply Co. (A,H,R)
9411 Almeda, Zone 21. Phone: JA. 9-4111.
General Manager: R. E. Gassoway.

LAREDO

*Southwest Air-Ref Supply Co. (A,R)
1720 Santa Maria. Phone: RA. 3-6121.
Manager: James Lange.

LUBBOCK

Anderson-Young Electric Co. (A,H,R)
2002 Clovis Rd., P.O. Box 1505.
J. M. Young.

†Homer G. Maxey & Co. (A,H)
1611 Fourth St. Phone: PO. 2-0241.
President: Lee Fields.

*Waugh Bros. Supply Co. (A,H,R)
706 Main. Phone: PO. 2-0258.
Manager: Bill Gentry.

McALLEN

*Thermal Supply (A,H,R)
416 E. Highway, P.O. Box 28.
Phone: MU. 6-2581.
Manager: Walter Graskamp.

MIDLAND

Midosa Supply Co., Inc. (A,H,R)
P.O. Box 4455. Phone: OX. 4-3073.
Manager: J. S. Poole.

ODESSA

*Tersco, Inc. (A,H,R)
701 Expressway. Phone: FE. 2-9458.
Manager: George Harris.

PORT ARTHUR

†Standard Brass & Mfg. Co. (A,R)
Fourth St. & KCS. Phone: YU. 5-9377.
President: F. V. Wilson.

SAN ANTONIO

†International, Inc. (A,H,R)
202 Martinez, Zone 4. Phone: CA. 3-2681.
R. C. Trevino.

Northside Refrigeration Supply Co.
1605 N. St. Mary's St., Zone 2. (A,H,R)
Phone: CA. 4-7781.
Owner: Ted R. Lattimer.

*Service Supply, Inc., S. A. Div. (A,H,R)
525 Culebra, Zone 1.
Phone: PErshing 4-6633.
President: M. V. Sandhofer.

†Southwest Air-Ref Supply Co. (A,R)
602 W. Hildebrand. Phone: PE. 4-5061.
Partner & General Manager: Boone Crisp.

*Thermal Supply (A,H,R)
1350 N. Colorado, P.O. Box 9065.
Phone: PE. 4-5011.
Manager: Norm Harper.

Westbrook Co. (A,H,R)
315 S. Main Ave., Zone 5.
Phone: CA. 4-2261.
Sales: Clyde B. Westbrook.

SHERMAN

*Electrical Supply Corp. (A,R)
615 E. Houston St.
Vice President: A. Jackson.

TEMPLE

*Milstead Co. (A,H,R)
Fourth & Ave. B.
Phone: PRospect 8-1501.

TEXARKANA

Bailey's Plumbing Supply Co., Inc. (A,H)
602 Lelia St. Phone: 32-2737.
President: V. F. Bailey.

TEXAS

TEXARKANA (Continued)

*Thermal Supply (A,H,R)
1000 Bowie St. Phone: 32-8201.
Manager: Curtis Bellar.

TYLER

Climate Supply Co., Inc. (A,H,R)
1301 W. Erwin St. Phone: LY. 3-6481.
Manager: Claude Calvert.

VICTORIA

†Service Supply of Victoria, Inc. (A,H,R)
1319 Goliad Hwy. Phone: HIllcrest 3-2434.
President: M. V. Sandhofer.

*Thermal Supply (A,H,R)
1202 N. Laurent, P.O. Box 1216.
Phone: HI. 5-4711.
Manager: Jim Martin.

WACO

†Hub Supply Co., Inc. (A,H,R)
425 S. Third St. Phone: PL. 6-5381.
President: T. C. Bickel.

*Milstead Co. (A,H)
301 S. Fifth St. Phone: PLaza 4-2303.
Manager: R. C. Toone.

*Tersco, Inc. (A,H,R)
3004 Franklin St. Phone: PL. 3-2432.
Manager: Floyd Morgan.

WICHITA FALLS

*Barbeck Refrigeration Supply Co., Inc.
1005 Baylor. Phone: 322-6632. (A,H,R)
Manager: J. D. Jackson.

UTAH

OGDEN

Keith Supply, Inc. (A,H)
2345 Wall Ave., P.O. Box 1577.
Phone: EX. 2-7581.
President: K. G. Campbell.

SALT LAKE CITY

†Commercial Distributing Co. (A,R)
25 S. Third W. St.

†DHRCO Distributors, Inc. (A,H,R)
1761 S. Eighth W., Zone 4.
Phone: HU. 6-8137.
Don H. Rasmussen.

*Johnstone Supply (A,R)
263 Rio Grande, Zone 1.
Manager: Howard Arbuckle.

*Pacific Metals Co., Ltd. (A,R)
261 W. Fifth S. Phone: DA. 2-3461.
Jack Jones.

VERMONT

BURLINGTON

Blodgett Supply Co., Inc. (A,H,R)
44 Lakeside Ave. Phone: UN. 4-9831.
Refrigeration: J. A. Audley.
Heating: K. M. Page.

VIRGINIA

ARLINGTON

*Noland Co., Inc. (A,H)
1823 N. Arlington Ridge Rd., Zone 9.
Phone: JAckson 2-1400.
Manager: C. W. Whaley.

BRISTOL

†Refrigeration Equipment Co., Inc.
841 State St. (A,H,R)
Phone: NO. 9-8811.
President: R. C. Owen.

*Southern Refrigeration Corp. (A,H,R)
61 Commonwealth Ave.
Phone: NOrth 9-8941.
Manager: J. T. Doud.

CHARLOTTESVILLE

*Noland Co., Inc. (A,H)
604 Henry Ave. Phone: 3-5161.
Manager: M. F. Strickler.

*Refrigeration Supply Co. (A,H,R)
1233 Harris St. Phone: 3-4784.

DANVILLE

Womack Radio Supply Co., Inc. (A,R)
513 Wilson St. Phone: SW. 3-5131.
Lacey R. Holley.

HAMPTON

Peninsula Refrigeration Suppliers, Inc.
412 Aberdeen Rd. (A,H,R)
Phone: 244-4656.
Manager: John R. Boyenton.

LYNCHBURG

*Noland Co., Inc. (A,H)
320 Page St. Phone: VIctor 5-4506.
Manager: W. R. Daughtrey.

*Southern Refrigeration Corp. (A,H,R)
101 Oakley Ave. Phone: VIctor 6-6028.
Manager: J. C. Rucker.

NEWPORT NEWS

†Noland Co., Inc. (A,H,R)
2700 Warwick Blvd.
Phone: CHestnut 4-8441.
President: J. E. Sommers.
Exec. Vice Pres.-Mktg.: M. G. Smith.
Merchandise Manager-Air Conditioning & Refrigeration: C. V. Hale.

*Noland Co., Inc. (A,H,R)
2600 Warwick Blvd.
Phone: CHestnut 4-8441.
Manager: W. J. Burke.

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Phone: MA. 5-7891.
Manager: John J. Carvil, Jr.

Booth Supply Co. (A,H,R)
601 W. 21st St. Phone: MA. 2-9788.
Manager: W. E. Booth, Jr.

*Sid Harvey, Inc. (H)
3540 Argonne Ave., Zone 9.
Phone: UL. 3-7614.

*R. E. Michel Co., Inc. (A,H,R)
639 W. 24th St., Zone 8.
Manager: J. P. Tinkham.

*Noland Co., Inc. (A,H,R)
2324 Church St., Zone 2. Phone: 627-5591.
Manager: J. M. Carmines.

Refrigeration Suppliers, Inc. (A,H,R)
400 W. 24th St., Zone 17.
Phone: MA. 2-7191.
President: John F. Boyenton.

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Air Conditioning Suppliers, Inc. (A,H,R)
3100 W. Clay St., Zone 30.
Phone: ELgin 9-2468.
President: G. B. Alexander.

†Automatic Equipment Sales of Virginia, Inc. (A,H,R)
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Phone: EL. 3-5581.
Ralph K. Taylor.

H. C. Gundlach Co. (A,H)
P.O. Box 8647. Phone: CO. 6-2403.
G. M. Anderson.

*R. E. Michel Co., Inc. (A,H,R)
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Manager: Carl Smelley.

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†Refrigeration Supply Co. (A,H,R)
1221 Admiral St., Zone 20.
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*Automatic Equipment Sales of Roanoke, Inc. (A,H,R)
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*Noland Co., Inc. (A,H,R)
1226 Center Ave., Zone 10.
Phone: DI. 4-5561.
Manager: J. P. Murphy.

†Southern Refrigeration Corp. (A,H,R)
1627 Shenandoah Ave. Phone: DI. 2-3493.
President: W. G. Andrews.

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*Peerless Pacific Co. (A,R)
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R. D. Mitchell.

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*Johnstone Supply (A,R)
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Manager: L. G. Davis.

†McPherson Furnace & Equipment Co.
401 Eighth Ave., N., Zone 9. (A,H)
Phone: MA. 2-5577.
General Manager: D. F. O'Brien.

Mortemp Corp. (H)
1727 First Ave., S., Zone 4.
Phone: MU. 2-0140.
Vice Pres. & Gen. Mgr.: Donn E. Schinman.

*Refrigerating & Power Specialties Co.
600 Yale No. St., Zone 9. (A,H,R)
Phone: MA. 4-3200.
Manager: Don Bailey.

*Refrigerative Supply, Inc. (A,H,R)
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Manager: G. R. Myers.

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Manager: William Sehorn.

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*Thermal Supply Co. (A,H,R)
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Manager: John E. Wright.

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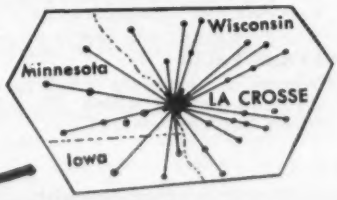

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Available Issues

For those who are interested in purchasing extra copies of the 1961 NEWS, issues for the following dates are available at 40 cents each or quantity rates: Jan. 2, 9, 16, 23; Feb. 6, 13, 20, 27; March 13, 20, 27; April 3, 10, 17, 24; May 1, 8, 15, 22, 29; June 12, 19, 26; July 3, 10, 17, 24, 31; Aug. 7, 14, 21, 28; Sept. 11, 18, 25; Oct. 2, 9, 16, 23, 30; Nov. 6, 20, 27; Dec. 4, 11, 18.

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Emergency Diagnosis, Repair of Hermetic Unit Electrical Components, 25¢.

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Are We Overdoing Dale Carnegie? 5¢.

Air Conditioning Specifications Issue, $1.

Additional Listings and Corrections

Listing information on the below companies was received too late for inclusion in regular sections.

Drifrez Div., Federated Electronics, Inc.
134-20 Jamaica Ave., Jamaica 18, L. I., N. Y.
Phone: JA. 3-5588.
Driers.
Trade Name: Drifreez.

Dryomatic Corp.
Alexandria, Va.
Name has been changed to
Atmospheric Controls, Inc.

Jet-Heet, Inc.
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Selected Physical Data (Performance based on 5°F evaporator temperature and 86°F condenser temperature)	Trichloromonofluoromethane genetron 11 ORANGE LABEL	Dichlorodifluoromethane genetron 12 WHITE LABEL	Monochlorodifluoromethane genetron 22 GREEN LABEL
Chemical Formula	CCl_3F	CCl_2F_2	$CHClF_2$
Molecular Weight	137.4	120.9	86.5
Boiling Pt. (°F) at 1 Atm. Pressure	74.7	—21.6	—41.4
Evaporator Pressure at 5°F (p.s.i.g.)	24.0*	11.8	28.3
Condensing Pressure at 86°F (p.s.i.g.)	3.6	93.5	159.7
Freezing Point (°F) at 1 Atm. Pressure	—168	—252	—256
Critical Temperature (°F)	388	234	205
Critical Pressure (p.s.i. absolute)	635	597	716
Compressor Discharge Temperature (°F)	109	101	129
Compression Ratio (86°F/5°F)	6.24	4.08	4.06
Specific Volume of Saturated Vapor at 5°F (cu. ft./lb.)	12.27	1.46	1.25
Latent Heat of Vaporization at 5°F (B.t.u./lb.)	84.0	68.2	93.9
Net Refrig. Effect of Liquid—86°F/5°F (B.t.u./lb.)	67.3	50.0	69.0
Specific Heat of Liquid at 86°F (B.t.u./lb. °F)	0.22	0.24	0.34
Specific Heat of Vapor at Constant Pressure of 1 Atm. & 86°F (B.t.u./lb. °F)	0.14	0.15	0.16
Specific Heat Ratio at 86°F & 1 Atm. ($k = Cp/Cv$)	1.11	1.14	1.16
Coefficient of Performance	5.05	4.70	4.57
Horsepower/Ton Refrigeration	0.933	1.002	1.031
Refrigerant Circulated/Ton Refrig. (lbs./min.)	2.97	4.00	2.90
Liquid Circulated/Ton Refrig. (cu. in./min.)	56.1	85.6	68.4
Compressor Displacement/Ton Refrig. (c.f.m.)	36.48	5.83	3.61
Toxicity (Underwriters' Laboratories Group No.)	5A	6	5A
Flammability & Explosivity	None	None	None

*Inches of mercury vacuum.

Trichlorotrifluoroethane	Dichlorotetrafluoroethane
genetron 113 PURPLE LABEL	genetron 114 DARK BLUE LABEL
$C_2Cl_3F_3$	$C_2Cl_2F_4$
187 4	170 9
117.7	38.4
27.9*	16.1
13.9*	22.0
—31	—137
417	294
495	474
86	86
8.02	5.42
27.04	4.221
70.6	62.0
53.7	43.1
0.22	0.24
0 15	0.16
1.09	1.09
4.92	4.59
0.960	1.027
3.73	4.64
66.5	89.2
100.76	19.59
4-5	6
None	None

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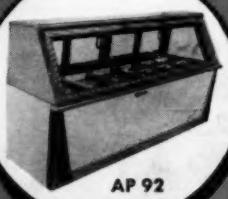
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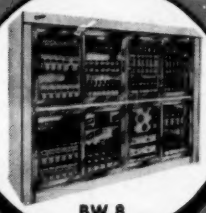
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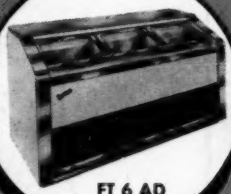
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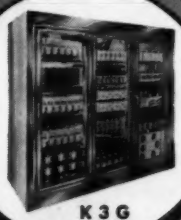
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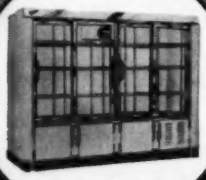
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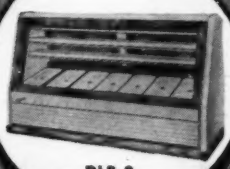
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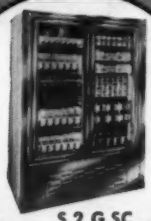
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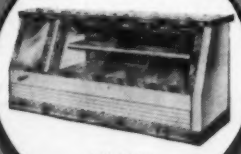
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